```
                                                      1514
            Init    33319    33125         -           0

       >4589443          /144066

 5     len =     1510    nex =         3

            Term    37967    37540         -           0
            Intr    38213    38133         -           0
            Init    39044    38777         -           0
10
       >4589444          /40174

       len =     2138    nex =         7

15          Init     5581     5696         +           0
            Intr     6020     6178         +           0
            Intr     6278     6453         +           0
            Intr     6565     6842         +           0
            Intr     6928     7063         +           0
20          Intr     7152     7263         +           0
            Term     7457     7718         +           0

       >4589444          /120707

25     len =     1653    nex =         5

            Init    68700    68826         +           0
            Intr    68906    69190         +           0
            Intr    69489    69569         +           0
30          Intr    69673    69767         +           0
            Term    69988    70352         +           0

       >4589444          /10687

35     len =      582    nex =         2

            Init     7159     7263         +           0
            Term     7457     7740         +           0

40     >4589444          /13338

       len =     1435    nex =         2

            Term    71110    70333         -           0
45          Init    71767    71187         -           0

       >4589444          /12533

       len =     1612    nex =         3
50
            Term    72674    72238         -           0
            Intr    73073    72743         -           0
            Init    73849    73302         -           0

55     >4589444          /327

       len =     1816    nex =         5

            Init    74986    75176         +           0
60          Intr    75871    75973         +           0
```

```
                                             1515
        Intr   76059   76148        +         0
        Intr   76241   76339        +         0
        Term   76490   76801        +         0

  5  >4589445        /17344

        len =    1030   nex =       2

        Init       1     139        +         0
 10     Term     623    1027        +         0

     >4589445        /38265

        len =    2260   nex =       9
 15
        Init   19710   19895        +         0
        Intr   20156   20228        +         0
        Intr   20310   20392        +         0
        Intr   20491   20593        +         0
 20     Intr   20692   20848        +         0
        Intr   20926   21054        +         0
        Intr   21150   21236        +         0
        Intr   21401   21445        +         0
        Term   21645   21969        +         0
 25
     >4589445        /40038

        len =    1410   nex =       1

 30     Sngl   23376   22781        -         0

     >4589445        /40717

        len =    1171   nex =       6
 35
        Term   59227   59185        -         0
        Intr   59432   59317        -         0
        Intr   59660   59559        -         0
        Intr   59846   59745        -         0
 40     Intr   60036   59926        -         0
        Init   60355   60179        -         0

     >4589445        /6617

 45     len =    1852   nex =       4

        Init   79257   79346        +         0
        Intr   79428   79703        +         0
        Intr   80505   80663        +         0
 50     Term   80741   81108        +         0

     >4589446        /20765

        len =    2682   nex =       8
 55
        Term   14307   14077        -         0
        Intr   14445   14401        -         0
        Intr   14633   14514        -         0
        Intr   14989   14901        -         0
 60     Intr   15212   15134        -         0
```

```
                                              1516
         Intr   15616    15454        -         0
         Intr   15937    15858        -         0
         Init   16118    16011        -         0

 5   >4589446       /38867

         len =     1907    nex =     4

         Init   17211    17769        +         0
10       Intr   18004    18141        +         0
         Intr   18241    18490        +         0
         Term   18625    19117        +         0

     >4589450       /124077
15
         len =     1690    nex =     6

         Init    6092     6223        +         0
         Intr    6597     6755        +         0
20       Intr    7007     7256        +         0
         Intr    7347     7436        +         0
         Intr    7529     7617        +         0
         Term    7744     7770        +         0

25   >4589950       /6704

         len =     2072    nex =     5

         Init   15942    16097        +         0
30       Intr   16230    16315        +         0
         Intr   16673    16798        +         0
         Intr   16932    17059        +         0
         Term   17165    17489        +         0

35   >4589950       /152803

         len =      611    nex =     1

         Sngl   23934    24544        +         0
40
     >4589950       /38094

         len =      326    nex =     1

45       Sngl   24221    24542        +         0

     >4589950       /20770

         len =     1643    nex =     4
50
         Init   27913    28123        +         0
         Intr   28278    28494        +         0
         Intr   28594    28778        +         0
         Term   29119    29555        +         0
55
     >4589950       /17664

         len =     2673    nex =     4

60       Init   30408    30899        +         0
```

```
                                        1517
        Intr   31702   32034        +         0
        Intr   32610   32726        +         0
        Term   32854   33080        +         0

5   >4589950        /21841

        len =    1630   nex =        5

        Init   43014   43406        +         0
10  Intr   43536   43676        +         0
        Intr   43768   43908        +         0
        Intr   44011   44117        +         0
        Term   44298   44634        +         0

15  >4589950        /11283

        len =    1270   nex =        2

        Term    3662    3371        -         0
20  Init    4626    4390        -         0

    >4589950        /100317

        len =    1255   nex =        2
25
        Term    3662    3416        -         0
        Init    4670    4390        -         0

    >4589950        /41633
30
        len =     569   nex =        1

        Sngl   50817   51385        +         0

35  >4589969        /120267

        len =     610   nex =        2

        Init   40423   40571        +         0
40  Term   40797   41025        +         0

    >4646215        /34289

        len =     776   nex =        3
45
        Init   19221   19325        +         0
        Intr   19412   19533        +         0
        Term   19667   19993        +         0

50  >4646215        /9248

        len =     867   nex =        1

        Sngl   21032   20166        -         0
55
    >4646229        /103197

        len =     751   nex =        2

60  Init    3186    3298        +         0
```

```
                                            1518
        Term    3509     3709        +         0

     >4646229        /19631

 5      len =      691    nex =       1

        Sngl   56338     57028       +         0

     >4646229         /2267
10
        len =     2371    nex =       7

        Init   59713     59825       +         0
        Intr   59944     59982       +         0
15      Intr   60076     60125       +         0
        Intr   60872     60983       +         0
        Intr   61359     61406       +         0
        Intr   61583     61713       +         0
        Term   61829     61997       +         0
20
     >4646229         /6261

        len =      408    nex =       1

25      Sngl   64632     65028       +         0

     >4662609        /24161

        len =     1541    nex =       5
30
        Init  110615    110883       +         0
        Intr  111111    111219       +         0
        Intr  111307    111437       +         0
        Intr  111538    111612       +         0
35      Term  111789    112155       +         0

     >4662609          /796

        len =      618    nex =       2
40
        Init  110728    110883       +         0
        Term  111111    111219       +         0

     >4662609        /18583
45
        len =     1090    nex =       6

        Init   11288     11484       +         0
        Intr   11708     11848       +         0
50      Intr   11922     12002       +         0
        Intr   12074     12198       +         0
        Intr   12253     12295       +         0
        Term   12327     12377       +         0

55   >4662609        /32558

        len =     2255    nex =       5

        Init  119155    119438       +         0
60      Intr  119536    119598       +         0
```

```
                                         1519
        Intr   120052   120472        +        0
        Intr   120567   120718        +        0
        Term   120832   121409        +        0

  5  >4662609        /103288

        len =     1570   nex =     6

        Init    42796    42919        +        0
 10     Intr    43094    43245        +        0
        Intr    43358    43467        +        0
        Intr    43556    43641        +        0
        Intr    43725    43829        +        0
        Term    43910    44068        +        0
 15
     >4662609        /7803

        len =      379   nex =     2

 20     Term    58481    58268        -        0
        Init    58640    58572        -        0

     >4662609        /34358

 25     len =      873   nex =     1

        Sngl    75547    76419        +        0

     >4662628        /9376
 30
        len =     1657   nex =     4

        Init    31339    31677        +        0
        Intr    31931    32188        +        0
 35     Intr    32461    32664        +        0
        Term    32749    32995        +        0

     >4662628        /154050

 40     len =     1099   nex =     2

        Term    36454    36398        -        0
        Init    37496    37156        -        0

 45  >4662628        /20900

        len =     1390   nex =     1

        Sngl     7708     9057      · +        0
 50
     >4662637        /20182

        len =     2859   nex =     7

 55     Term    28149    27892        -        0
        Intr    28599    28528        -        0
        Intr    28829    28763        -        0
        Intr    29070    28932        -        0
        Intr    29862    29688        -        0
 60     Intr    30330    30177        -        0
```

```
                                            1520
        Init    30750    30535         -       0

      >4662640         /103735

 5       len =     670    nex =       1

         Sngl    1875     1670         -       0

      >4662640         /13193
10
         len =     741    nex =       1

         Sngl   24672    23932         -       0

15    >4662640         /108284

         len =    1342    nex =       2

         Term    1875     1599         -       0
20       Init    2933     2230         -       0

      >4662640         /32647

         len =    1474    nex =       2
25
         Term    1875     1671         -       0
         Init    3144     2230         -       0

      >4662640         /111177
30
         len =     370    nex =       1

         Sngl    3147     2785         -       0

35    >4662640         /32660

         len =    2432    nex =       3

         Term    7037     6524         -       0
40       Intr    7476     7292         -       0
         Init    8955     8479         -       0

      >4678196         /1940

45       len =     830    nex =       4

         Term   30655    30442         -       0
         Intr   30869    30753         -       0
         Intr   31063    30949         -       0
50       Init   31271    31146         -       0

      >4678196         /30469

         len =     858    nex =       4
55
         Term   30655    30458         -       0
         Intr   30869    30753         -       0
         Intr   31063    30949         -       0
         Init   31315    31146         -       0
60
```

1521

```
>4678196        /18195

   len =      984    nex =        4

5     Term   30655   30384      -           0
      Intr   30869   30753      -           0
      Intr   31063   30949      -           0
      Init   31367   31146      -           0


10   >4678196        /994

   len =     1046    nex =        4

      Term    7202    6888      -           0
15    Intr    7473    7304      -           0
      Intr    7664    7566      -           0
      Init    7933    7778      -           0


   >4678219        /21113
20
   len =      414    nex =        1

      Sngl   16445   16858      +           0


25   >4678219        /124189

   len =     1617    nex =        6

      Init   17224   17328      +           0
30    Intr   17546   17641      +           0
      Intr   17745   17806      +           0
      Intr   18172   18305      +           0
      Intr   18426   18510      +           0
      Term   18608   18840      +           0
35
   >4678219        /10500

   len =      970    nex =        3

40    Init   18935   19234      +           0
      Intr   19376   19429      +           0
      Term   19531   19898      +           0


   >4678219        /41471
45
   len =     1498    nex =        6

      Init   20212   20321      +           0
      Intr   20661   20780      +           0
50    Intr   20859   20904      +           0
      Intr   21091   21176      +           0
      Intr   21267   21396      +           0
      Term   21486   21709      +           0


55   >4678219        /1918

   len =     1090    nex =        5

      Init   22504   22649      +           0
60    Intr   22728   22814      +           0
```

```
                                              1522
      Intr   22918   23020        +          0
      Intr   23256   23322        +          0
      Term   23414   23593        +          0

 5   >4678258        /38927

      len =    2446   nex =       8

      Term   35527   35138        -          0
10    Intr   35817   35649        -          0
      Intr   36025   35917        -          0
      Intr   36381   36162        -          0
      Intr   36617   36472        -          0
      Intr   36786   36696        -          0
15    Intr   37244   37130        -          0
      Init   37583   37343        -          0

     >4678258        /2632

20    len =    2950   nex =      10

      Term   38519   37849        -          0
      Intr   38936   38848        -          0
      Intr   39250   39065        -          0
25    Intr   39398   39336        -          0
      Intr   39714   39532        -          0
      Intr   39870   39822        -          0
      Intr   40128   39990        -          0
      Intr   40328   40247        -          0
30    Intr   40471   40416        -          0
      Init   40791   40667        -          0

     >4678258        /30342

35    len =     533   nex =       1

      Sngl   88640   89172        +          0

     >4678266        /19033
40
      len =     577   nex =       1

      Sngl    1664    2240        +          0

45   >4678266        /22956

      len =     642   nex =       1

      Sngl    4832    5473        +          0
50
     >4678266        /13259

      len =    2274   nex =       4

55    Init   73401   73742        +          0
      Intr   73945   74637        +          0
      Intr   74813   75124        +          0
      Term   75360   75674        +          0

60   >4678266        /332
```

1523

```
         len =    1090    nex =         1

         Sngl   77266   76186        -           0
  5
     >4678266        /27474

         len =    2792    nex =        10

 10      Term   90126   89784        -           0
         Intr   90502   90362        -           0
         Intr   90835   90594        -           0
         Intr   91028   90903        -           0
         Intr   91211   91118        -           0
 15      Intr   91432   91331        -           0
         Intr   91850   91778        -           0
         Intr   91990   91933        -           0
         Intr   92372   92188        -           0
         Init   92566   92480        -           0
 20
     >4678291        /19152

         len =    1917    nex =         7

 25      Init   17191   17291        +           0
         Intr   17368   17833        +           0
         Intr   17968   18085        +           0
         Intr   18232   18341        +           0
         Intr   18427   18512        +           0
 30      Intr   18635   18780        +           0
         Term   18898   19107        +           0

     >4678291        /30751

 35      len =    1344    nex =         7

         Init   22561   22613        +           0
         Intr   22732   22806        +           0
         Intr   22896   22964        +           0
 40      Intr   23038   23118        +           0
         Intr   23250   23345        +           0
         Intr   23435   23491        +           0
         Term   23601   23896        +           0

 45  >4678291        /33606

         len =     446    nex =         1

         Sngl   23601   23896        +           0
 50
     >4678291        /5493

         len =    1270    nex =         2

 55      Init   27193   27656        +           0
         Term   27889   28459        +           0

     >4678291        /37225

 60      len =    2003    nex =         3
```

```
        Init   42970   43714        +        0
        Intr   43777   43917        +        0
        Term   44045   44522        +        0
5
   >4678291        /21763

    len =    933   nex =       3

10      Init   46242   46546        +        0
        Intr   46860   46962        +        0
        Term   47050   47174        +        0

   >4678291        /25149
15
    len =   2552   nex =       8

        Term   66537   66278        -        0
        Intr   66874   66788        -        0
20      Intr   67068   66979        -        0
        Intr   67487   67382        -        0
        Intr   67678   67584        -        0
        Intr   67904   67821        -        0
        Intr   68418   68343        -        0
25      Init   68829   68689        -        0

   >4678291        /15212

    len =   2530   nex =       7
30
        Term   66537   66335        -        0
        Intr   66874   66788        -        0
        Intr   67068   66979        -        0
        Intr   67487   67382        -        0
35      Intr   67678   67584        -        0
        Intr   67904   67821        -        0
        Init   68422   68343        -        0

   >4678315        /34579
40
    len =   1990   nex =       5

        Init   13656   13884        +        0
        Intr   13988   14067        +        0
45      Intr   14162   14239        +        0
        Intr   14367   14437        +        0
        Term   15188   15636        +        0

   >4678315        /787
50
    len =    324   nex =       1

        Sngl   18778   19101        +        0

55 >4678315        /147241

    len =    341   nex =       1

        Sngl    2959    3299        +        0
60
```

1525

>4678315   /34551

     len =   1545   nex =   7

5   Term   41502   41430   –   0
      Intr   41669   41604   –   0
      Intr   41835   41771   –   0
      Intr   41994   41931   –   0
      Intr   42197   42088   –   0
10   Intr   42483   42396   –   0
      Init   42974   42809   –   0

>4678315   /9581

15   len =   1336   nex =   2

      Init   46422   46595   +   0
      Term   47332   47757   +   0

20   >4678340   /12236

     len =   1954   nex =   5

      Term   22952   22722   –   0
25   Intr   23125   23045   –   0
      Intr   23705   23209   –   0
      Intr   24098   23940   –   0
      Init   24675   24184   –   0

30   >4678340   /26537

     len =   2021   nex =   8

      Term   22952   22713   –   0
35   Intr   23125   23045   –   0
      Intr   23255   23209   –   0
      Intr   23445   23350   –   0
      Intr   23705   23639   –   0
      Intr   24098   23940   –   0
40   Intr   24254   24184   –   0
      Init   24733   24323   –   0

     >4678340   /13870

45   len =   1640   nex =   3

      Term   3619   3273   –   0
      Intr   3881   3700   –   0
      Init   4912   4243   –   0
50
     >4678371   /21034

     len =   971   nex =   2

55   Init   109206   109301   +   0
      Term   109446   109715   +   0

     >4678371   /113114

60   len =   892   nex =   2

1526

	Init	109206	109301	+	0
	Term	109446	109693	+	0
5	>4678371	/98073			
	len =	1111	nex =	3	
	Term	41665	41333	−	0
10	Intr	42181	42112	−	0
	Init	42443	42246	−	0
	>4678371	/41730			
15	len =	440	nex =	1	
	Sngl	48928	49367	+	0
	>4678705	/41543			
20	len =	1690	nex =	3	
	Init	11432	11814	+	0
	Intr	12077	12267	+	0
25	Term	12387	12550	+	0
	>4678705	/33399			
	len =	1690	nex =	7	
30	Init	14667	14750	+	0
	Intr	14858	15075	+	0
	Intr	15261	15331	+	0
	Intr	15428	15529	+	0
35	Intr	15646	15763	+	0
	Intr	15929	16064	+	0
	Term	16150	16346	+	0
	>4678705	/125324			
40	len =	2171	nex =	7	
	Init	16715	16857	+	0
	Intr	17191	17237	+	0
45	Intr	17759	17858	+	0
	Intr	18087	18150	+	0
	Intr	18237	18353	+	0
	Intr	18453	18561	+	0
	Term	18819	18885	+	0
50	>4678705	/24780			
	len =	791	nex =	2	
55	Init	25236	25351	+	0
	Term	25594	26026	+	0
	>4678705	/37881			
60	len =	2675	nex =	5	

1527

```
         Term   46430    45826        -        0
         Intr   46602    46534        -        0
         Intr   46744    46682        -        0
  5      Intr   46896    46840        -        0
         Init   48500    47963        -        0

      >4678705      /27536

 10   len =     281    nex =      1

         Sngl   50278    49998        -        0

      >4678705      /8207
 15
         len =    1465    nex =      1

         Sngl   51349    49885        -        0

 20   >4678705      /15484

         len =     646    nex =      3

         Term   68931    68742        -        0
 25      Intr   69161    69058        -        0
         Init   69387    69316        -        0

      >4680765      /19054

 30   len =     658    nex =      1

         Sngl  103945   104602        +        0

      >4680765      /12712
 35
         len =    1157    nex =      4

         Init    2888     2958        +        0
         Intr    3052     3180        +        0
 40      Intr    3402     3584        +        0
         Term    3670     4024        +        0

      >4680765      /29972

 45   len =    1551    nex =      6

         Term    4691     4427        -        0
         Intr    4849     4793        -        0
         Intr    4976     4932        -        0
 50      Intr    5238     5176        -        0
         Intr    5385     5322        -        0
         Init    5977     5762        -        0

      >4680765      /112559
 55
         len =    1614    nex =      5

         Term    4691     4427        -        0
         Intr    4849     4793        -        0
 60      Intr    5238     4932        -        0
```

```
                                           1528
        Intr    5385    5322        -        0
        Init    6040    5762        -        0

 5    >4680765        /33173

        len =   2179    nex =      5

        Term   87951   87650        -        0
        Intr   88636   88413        -        0
10      Intr   88934   88817        -        0
        Intr   89343   89032        -        0
        Init   89828   89505        -        0

15    >4680765        /23348

        len =   2238    nex =      5

        Term   87951   87633        -        0
        Intr   88636   88413        -        0
20      Intr   88934   88817        -        0
        Intr   89343   89032        -        0
        Init   89870   89505        -        0

25    >4680765        /7057

        len =   3012    nex =      5

        Term   87951   87675        -        0
        Intr   88636   88413        -        0
30      Intr   88934   88817        -        0
        Intr   89343   89032        -        0
        Init   89750   89505        -        0

35    >4689466        /31988

        len =    610    nex =      1

        Sngl   44480   45086        +        0

40    >4691223        /19796

        len =   1654    nex =      5

        Term  118925  118453        -        0
45      Intr  119112  119052        -        0
        Intr  119318  119145        -        0
        Intr  119652  119563        -        0
        Init  120106  119970        -        0

50    >4691223        /33058

        len =   1390    nex =      2

        Init  120319  120641        +        0
55      Term  121277  121707        +        0

      >4691223        /7104

        len =   2650    nex =      7
60
```

1529

	Term	27184	26876	–	0
	Intr	27622	27443	–	0
	Intr	27988	27700	–	0
	Intr	28141	28074	–	0
5	Intr	28414	28229	–	0
	Intr	28667	28503	–	0
	Init	29523	28767	–	0

>4691223   /97866

10
len =   654   nex =   3

	Term	53529	53241	–	0
	Intr	53668	53616	–	0
15	Init	53894	53745	–	0

>4691223   /118329

len =   507   nex =   1
20
	Sngl	61751	62257	+	0

>4691223   /29714

25   len =   473   nex =   3

	Term	67718	67641	–	0
	Intr	67897	67808	–	0
	Init	68113	67979	–	0
30

>4691223   /115554

len =   379   nex =   1

35 | Sngl | 72403 | 72781 | + | 0 |

>4691223   /20915

len =   3232   nex =   8
40
	Init	78459	78663	+	0
	Intr	79140	79266	+	0
	Intr	79400	79506	+	0
	Intr	79713	79874	+	0
45	Intr	79963	80109	+	0
	Intr	80186	80380	+	0
	Intr	80488	80666	+	0
	Term	80745	80975	+	0

50   >4691223   /9841

len =   523   nex =   1

	Sngl	81514	80992	–	0
55
>4699904   /21639

len =   1521   nex =   2

60 | Term | 29454 | 28950 | – | 0 |

```
                                            1530
          Init    30470    29953        -      0

       >4699904        /30530

  5     len =     2040    nex =        4

          Term    32070    31765        -      0
          Intr    32214    32162        -      0
          Intr    33121    33047        -      0
 10       Init    33255    33215        -      0

       >4699904        /37701

        len =      790    nex =        1
 15
          Sngl    38588    37803        -      0

       >4699904        /30113                      .

 20     len =      790    nex =        1

          Sngl    38588    37804        -      0

       >4699904        /105950
 25
        len =      412    nex =        1

          Sngl    38588    38177        -      0

 30    >4699904        /9278

        len =      310    nex =        1

          Sngl    38588    38288        -      0
 35
       >4699904        /8446

        len =     1770    nex =        4

 40       Init    82618    82845        +      0
          Intr    83226    83301        +      0
          Intr    83389    83561        +      0
          Term    84124    84387        +      0

 45    >4713943        /38549

        len =     2170    nex =        6

          Init    11662    11887        +      0
 50       Intr    12188    12265        +      0
          Intr    12354    12614        +      0
          Intr    12703    13020        +      0
          Intr    13129    13287        +      0
          Term    13447    13623        +      0
 55
       >4713943        /19103

        len =     3190    nex =       13

 60       Init    18821    18995        +      0
```

1531

	Intr	19606	19673	+	0
	Intr	19753	19791	+	0
	Intr	19928	20028	+	0
	Intr	20168	20280	+	0
5	Intr	20369	20468	+	0
	Intr	20547	20693	+	0
	Intr	20774	20834	+	0
	Intr	20925	21022	+	0
	Intr	21110	21252	+	0
10	Intr	21361	21444	+	0
	Intr	21529	21618	+	0
	Term	21702	22007	+	0

>4713943   /10072

15
len =   1233   nex =   6

	Init	20810	20834	+	0
	Intr	20925	21022	+	0
20	Intr	21110	21252	+	0
	Intr	21361	21444	+	0
	Intr	21529	21618	+	0
	Term	21702	22042	+	0

25 >4713943   /21947

len =   1195   nex =   2

	Init	28706	29150	+	0
30	Term	29228	29900	+	0

>4713943   /16095

len =   706   nex =   1

35
	Sngl	69411	70116	+	0

>4713943   /155207

40   len =   1067   nex =   2

	Init	73695	73912	+	0
	Term	74344	74761	+	0

45 >4725940   /20383

len =   687   nex =   1

	Sngl	106710	107396	+	0

50
>4725940   /6554

len =   614   nex =   1

55	Sngl	110711	111324	+	0

>4725940   /92350

len =   1090   nex =   4

60

```
                                                    1532
        Term    17635    17313         -           0
        Intr    17915    17751         -           0
        Intr    18084    18006         -           0
        Init    18376    18165         -           0
5
    >4725940          /28572

        len =      537    nex =        1

10      Sngl    96158    95622         -           0

    >4732167          /2296

        len =     1813    nex =        5
15
        Init    45294    45510         +           0
        Intr    45586    45739         +           0
        Intr    46139    46198         +           0
        Intr    46531    46591         +           0
20      Term    46828    47106         +           0

    >4732168          /8387

        len =      404    nex =        1
25
        Sngl    120482   120649        +           0

    >4732168          /38543

30      len =     1971    nex =        6

        Term    79492    79052         -           0
        Intr    79689    79588         -           0
        Intr    79895    79770         -           0
35      Intr    80126    79992         -           0
        Intr    80429    80313         -           0
        Init    81022    80821         -           0

    >4732168          /40690
40
        len =      670    nex =        2

        Term    80429    80357         -           0
        Init    81025    80821         -           0
45
    >4732169          /10692

        len =      532    nex =        1

50      Sngl    52688    52157         -           0

    >4732169          /25430

        len =      550    nex =        1
55
        Sngl    52692    52146         -           0

    >4733952          /37506

60      len =     2578    nex =        7
```

1533

	Init	117152	117890	+	0
	Intr	117977	118056	+	0
	Intr	118424	118501	+	0
5	Intr	118902	118997	+	0
	Intr	119102	119227	+	0
	Intr	119304	119369	+	0
	Term	119460	119729	+	0

10   >4733952   /11975

     len =   1396   nex =   2

	Init	2301	2629	+	0
15	Term	3230	3696	+	0

     >4733952   /10295

     len =   1244   nex =   3

20

Init	4419	5051	+	0
Intr	5122	5416	+	0
Term	5495	5662	+	0

25   >4733952   /109289

     len =   1232   nex =   3

	Init	4431	5051	+	0
30	Intr	5122	5416	+	0
	Term	5495	5662	+	0

     >4733952   /36621

35   len =   1918   nex =   6

	Term	86725	86366	-	0
	Intr	87006	86815	-	0
	Intr	87271	87194	-	0
40	Intr	87467	87359	-	0
	Intr	87678	87564	-	0
	Init	88281	87885	-	0

     >4733952   /28602

45

     len =   599   nex =   1

     Sngl   97194   97792   +   0

50   >4733952   /32795

     len =   719   nex =   1

     Sngl   97257   97975   +   0

55

     >4733953   /106946

     len =   473   nex =   1

60   Sngl 118125 117810   -   0

1534

```
      >4733953        /29385

          len =    2099   nex =       6
  5
          Term  10729   10095        -        0
          Intr  10883   10802        -        0
          Intr  11125   11042        -        0
          Intr  11384   11217        -        0
 10       Intr  11617   11461        -        0
          Init  12193   11723        -        0

      >4733953        /15169

 15       len =    1239   nex =       2

          Term  16338   16088        -        0
          Init  17326   17040        -        0

 20   >4733953        /2629

          len =    1270   nex =       1

          Sngl  16338   16093        -        0
 25
      >4733953        /39404

          len =     379   nex =       1

 30       Sngl  17961   17583        -        0

      >4733953        /19759

          len =    2110   nex =       3
 35
          Init  20860   21383        +        0
          Intr  21459   21893        +        0
          Term  22639   22966        +        0

 40   >4733953        /30753

          len =    1171   nex =       4

          Term  60229   59859        -        0
 45       Intr  60602   60530        -        0
          Intr  60835   60709        -        0
          Init  61029   60968        -        0

      >4733953        /37277
 50
          len =    2830   nex =       9

          Init  61852   62588        +        0
          Intr  62673   62871        +        0
 55       Intr  62958   63050        +        0
          Intr  63137   63265        +        0
          Intr  63340   63393        +        0
          Intr  63487   63564        +        0
          Intr  63686   63748        +        0
 60       Intr  63865   63977        +        0
```

```
                                              1535
        Term    64059    64359        +        0

      >4733953         /101924

  5    len =     730    nex =        3

          Init     73      181       +        0
          Intr    262      357       +        0
          Term    434      801       +        0
 10
      >4733953         /32143

       len =    1905    nex =        4

 15    Term    97964    97577        -        0
       Intr    98361    98053        -        0
       Intr    98605    98433        -        0
       Init    99481    99057        -        0

 20   >4733957         /125929

       len =     970    nex =        2

       Term     7176     6924        -        0
 25    Init     7349     7257        -        0

      >4733984         /26824

       len =    2050    nex =        3
 30
          Init   47232    47598      +        0
          Intr   47718    47928      +        0
          Term   48007    48272      +        0

 35   >4733984         /29669

       len =    1938    nex =        3

          Init   47232    47598      +        0
 40       Intr   47718    47928      +        0
          Term   48007    48229      +        0

      >4734003         /93895

 45    len =     533    nex =        1

          Sngl   20795    21327      +        0

      >4734003         /32391
 50
       len =    2026    nex =        6

          Init   45023    45326      +        0
          Intr   45415    45959      +        0
 55       Intr   46054    46140      +        0
          Intr   46221    46277      +        0
          Intr   46354    46798      +        0
          Term   46863    47048      +        0

 60   >4734003         /9500
```

1536

```
          len =      802    nex =        2

          Term   70600   70084      -        0
5         Init   70885   70675      -        0

     >4734003        /28779

          len =     1210    nex =        5
10
          Term   69956   69706      -        0
          Intr   70115   70043      -        0
          Intr   70462   70257      -        0
          Intr   70600   70537      -        0
15        Init   70912   70675      -        0

     >4753195        /5767

          len =      895    nex =        2
20
          Term  102330  101848      -        0
          Init  102742  102437      -        0

     >4753195        /20865
25
          len =     1902    nex =        5

          Term   24230   23691      -        0
          Intr   24471   24314      -        0
30        Intr   24713   24567      -        0
          Intr   25027   24796      -        0
          Init   25592   25383      -        0

     >4753195        /7837
35
          len =     2021    nex =        9

          Init   41032   41313      +        0
          Intr   41510   41597      +        0
40        Intr   41693   41806      +        0
          Intr   41892   41974      +        0
          Intr   42064   42178      +        0
          Intr   42268   42359      +        0
          Intr   42443   42508      +        0
45        Intr   42608   42701      +        0
          Term   42827   43052      +        0

     >4753645        /42927

50        len =      889    nex =        1

          Sngl   15300   14412      -        0

     >4753645        /748
55
          len =      912    nex =        1

          Sngl   15333   14422      -        0

60   >4753645        /11649
```

1537

```
        len =    778    nex =        1

        Sngl  20284   19507        -         0
5
   >4753645        /18082

        len =   1035    nex =        3

10      Term  25637   25286        -         0
        Intr  26018   25864        -         0
        Init  26320   26110        -         0

   >4753645        /4311
15
        len =    991    nex =        4

        Term  31713   31426        -         0
        Intr  31904   31800        -         0
20      Intr  32064   32003        -         0
        Init  32416   32195        -         0

   >4753645        /121013

25      len =   1018    nex =        3

        Term  33198   32799        -         0
        Intr  33586   33527        -         0
        Init  33816   33685        -         0
30
   >4753645        /20847

        len =   1904    nex =        8

35      Term  41741   41372        -         0
        Intr  42028   41836        -         0
        Intr  42227   42105        -         0
        Intr  42440   42301        -         0
        Intr  42595   42527        -         0
40      Intr  42881   42686        -         0
        Intr  43051   42977        -         0
        Init  43275   43144        -         0

   >4755178        /7413
45
        len =    550    nex =        1

        Sngl  23401   23949        +         0

50 >4755179        /37863

        len =   2208    nex =        4

        Term  38083   37560        -         0
55      Intr  38382   38183        -         0
        Intr  38861   38468        -         0
        Init  39767   39548        -         0

   >4755179        /33047
60
```

1538

len =	477	nex =	1		
Sngl	45523	45047		−	0

5 >4755179 /13002

len =	1676	nex =	2		
Init	50115	50339		+	0
Term	50656	51087		+	0

10

>4755179 /125387

len =	774	nex =	2		
Init	50164	50339		+	0
Term	50656	50937		+	0

15

>4755179 /40183

20

len =	2251	nex =	7		
Term	73491	73290		−	0
Intr	73894	73775		−	0
Intr	74166	73981		−	0
Intr	74402	74263		−	0
Intr	75048	74800		−	0
Intr	75246	75129		−	0
Init	75540	75409		−	0

25

30

>4755179 /4933

len =	1523	nex =	0	

35 >4755179 /40305

len =	1342	nex =	1		
Sngl	82160	83501		+	0

40

>4755179 /112223

len =	279	nex =	1		
Sngl	86044	85766		−	0

45

>4755179 /230

len =	2782	nex =	8		
Term	90030	89591		−	0
Intr	90265	90182		−	0
Intr	90522	90366		−	0
Intr	90939	90674		−	0
Intr	91320	91048		−	0
Intr	91530	91419		−	0
Intr	91829	91610		−	0
Init	92372	91910		−	0

50

55

60 >4755179 /113514

```
        len =     2378    nex =        6

        Term      7459      7240       -         0
5       Intr      7721      7576       -         0
        Intr      7889      7809       -         0
        Intr      8124      7978       -         0
        Intr      8629      8530       -         0
        Init      9601      9467       -         0
10
     >4755185        /27930

        len =      861     nex =        3

15      Term    104138    103879       -         0
        Intr    104520    104451       -         0
        Init    104739    104586       -         0

     >4755185        /4047
20
        len =      885     nex =        1

        Sngl    104763    103879       -         0
        >4755185        /5198
25
        len =      910     nex =        3

        Term    104138    103878       -         0
        Intr    104520    104451       -         0
30      Init    104780    104586       -         0

     >4755185        /99800

        len =      996     nex =        0
35
     >4755185        /33377

        len =     1606     nex =        1

40      Sngl     89482     90543       +         0

     >4757388        /34183

        len =      996     nex =        3
45
        Term       686        30       -         0
        Intr       828       758       -         0
        Init      1025       911       -         0

50   >4757388        /20852

        len =     1221     nex =        2

        Init     26560     26673       +         0
55      Term     26774     27780       +         0

     >4757390        /37617

        len =     2548     nex =        3
60
```

					1540
	Term	13877	13660	–	0
	Intr	14019	13968	–	0
	Init	16207	15422	–	0

5   >4757390   /109272

len =   528   nex =   1

	Sngl	37853	38380	+	0

10   >4757390   /100074

len =   519   nex =   1

	Sngl	37862	38380	+	0

15   >4757390   /103168

len =   1856   nex =   4

	Init	41052	41145	+	0
	Intr	41501	41594	+	0
	Intr	42124	42386	+	0
	Term	42471	42907	+	0

25   >4757392   /2102

len =   3220   nex =   13

	Term	18611	18194	–	0
	Intr	18807	18736	–	0
	Intr	19090	18977	–	0
	Intr	19281	19168	–	0
	Intr	19487	19387	–	0
	Intr	19668	19590	–	0
	Intr	19823	19749	–	0
	Intr	19989	19927	–	0
	Intr	20445	20365	–	0
	Intr	20669	20544	–	0
	Intr	21040	20916	–	0
	Intr	21231	21126	–	0
	Init	21413	21349	–	0

>4757392   /31656

45

len =   970   nex =   3

	Term	28052	27639	–	0
	Intr	28365	28148	–	0
	Init	28605	28452	–	0

>4757392   /96588

len =   590   nex =   2

55

	Term	41513	41072	–	0
	Init	41654	41598	–	0

>4757392   /13932

60

1541

```
         len =    1822    nex =      5

         Term   48918    48477       -         0
         Intr   49253    49006       -         0
   5     Intr   49533    49327       -         0
         Intr   49777    49615       -         0
         Init   50298    50008       -         0

     >4757392       /36559
10
         len =    1821    nex =      4

         Term   48918    48478       -         0
         Intr   49253    49006       -         0
  15     Intr   49533    49327       -         0
         Init   49777    49615       -         0

     >4757392       /2204

20   len =     550    nex =      1

         Sngl    5387     4851       -         0

     >4757392       /9425
25
         len =     579    nex =      1

         Sngl   57089    57667       +         0

30   >4757392       /111154

         len =    1092    nex =      0

     >4757392       /26899
35
         len =    2182    nex =      4

         Init   73097    73405       +         0
         Intr   73958    74660       +         0
  40     Intr   74754    74910       +         0
         Term   74995    75278       +         0

     >4757392       /12456

  45   len =    1995    nex =      4

         Init   73287    73405       +         0
         Intr   73958    74660       +         0
         Intr   74754    74910       +         0
  50     Term   74995    75281       +         0

     >4757392       /35237

         len =     254    nex =      1
  55
         Sngl   75025    75278       +         0

     >4757392       /16548

  60   len =    1845    nex =      5
```

1542

	Term	85494	84859	-	0
	Intr	85695	85618	-	0
	Intr	86164	86108	-	0
5	Intr	86314	86260	-	0
	Init	86703	86408	-	0

>4757395   /15932

10   len =   801   nex =   2

	Term	42705	42137	-	0
	Init	42937	42787	-	0

15   >4757395   /13267

len =   1911   nex =   4

	Init	53364	54057	+	0
20	Intr	54543	54725	+	0
	Intr	54857	55024	+	0
	Term	55121	55274	+	0

>4757395   /118150

25
len =   1918   nex =   3

	Init	55805	56142	+	0
	Intr	56228	56443	+	0
30	Term	57409	57722	+	0

>4757396   /4410

len =   471   nex =   1

35
Sngl   15964   16434   +   0

>4757396   /115489

40   len =   459   nex =   1

Sngl   15976   16434   +   0

>4757399   /115876

45
len =   341   nex =   1

Sngl   1954   2294   +   0

50   >4757400   /11763

len =   1275   nex =   2

	Term	74376	74009	-	0
55	Init	75283	74843	-	0

>4757400   /8330

len =   2249   nex =   8

60

```
                                               1543
       Term   80687   80160        -          0
       Intr   80926   80866        -          0
       Intr   81202   81027        -          0
       Intr   81363   81306        -          0
 5     Intr   81868   81764        -          0
       Intr   82022   81965        -          0
       Intr   82194   82108        -          0
       Init   82408   82279        -          0

10  >4757401      /924

       len =    1438   nex =      3

       Term   13076   12445        -          0
15     Intr   13565   13169        -          0
       Init   13882   13663        -          0

    >4757401      /103058

20     len =     550   nex =      1

       Sngl   22797   22249        -          0

    >4757401      /115850
25
       len =     614   nex =      1

       Sngl   26499   25886        -          0

30  >4757401      /27707

       len =     716   nex =      2

       Term   27638   27345        -          0
35     Init   28060   27979        -          0

    >4757401      /124616

       len =     645   nex =      1
40
       Sngl   32214   31570        -          0

    >4757401      /27482

45     len =    2410   nex =      6

       Init   75050   75395        +          0
       Intr   75597   75744        +          0
       Intr   75850   76110        +          0
50     Intr   76313   76357        +          0
       Intr   76564   76732        +          0
       Term   76891   77454        +          0

    >4757403      /13058
55
       len =    1510   nex =      7

       Term   15873   15797        -          0
       Intr   16028   15960        -          0
60     Intr   16200   16113        -          0
```

```
                                          1544
         Intr   16374   16279        -       0
         Intr   16632   16519        -       0
         Intr   16870   16737        -       0
         Init   17303   16971        -       0
5
      >4757403       /38239

         len =     2056   nex =      7

10       Term   15873   15307        -       0
         Intr   16028   15960        -       0
         Intr   16200   16113        -       0
         Intr   16374   16279        -       0
         Intr   16632   16519        -       0
15       Intr   16870   16737        -       0
         Init   17362   16971        -       0

      >4757403       /19537

20       len =     1552   nex =      4

         Term   19050   18584        -       0
         Intr   19389   19285        -       0
         Intr   19620   19513        -       0
25       Init   20135   19978        -       0

      >4757403       /24666

         len =     1611   nex =      2
30
         Init   24264   25305        +       0
         Term   25397   25874        +       0

      >4757403       /39358
35
         len =     2877   nex =      8

         Term   26486   25989        -       0
         Intr   26777   26718        -       0
40       Intr   26988   26867        -       0
         Intr   27249   27072        -       0
         Intr   27624   27359        -       0
         Intr   28030   27742        -       0
         Intr   28252   28115        -       0
45       Init   28406   28339        -       0

      >4757403       /39534

         len =      554   nex =      1
50
         Sngl   32923   32370        -       0

      >4757403       /7337

55       len =      503   nex =      1

         Sngl   35283   34781        -       0

      >4757403       /40618
60
```

1545

```
        len =      1967    nex =        6

        Init    51540    51679         +           0
        Intr    51794    51843         +           0
 5      Intr    52329    52391         +           0
        Intr    52696    52786         +           0
        Intr    52894    52998         +           0
        Term    53300    53506         +           0

10   >4757403        /38488

        len =       610    nex =        1

        Sngl    77818    78427         +           0
15
     >4757404        /103083

        len =       143    nex =        1

20      Sngl    32868    33010         +           0

     >4757405        /36106

        len =      2269    nex =        7
25
        Term     8267     7900         -           0
        Intr     8590     8359         -           0
        Intr     8829     8685         -           0
        Intr     9156     8911         -           0
30      Intr     9449     9249         -           0
        Intr     9730     9637         -           0
        Init    10168     9818         -           0

     >4757405        /20648
35
        len =       518    nex =        1

        Sngl    39529    39012         -           0

40   >4757405        /94317

        len =       397    nex =        1

        Sngl    41006    40610         -           0
45
     >4757405        /100878

        len =      1572    nex =        7

50      Term    45130    44797         -           0
        Intr    45395    45330         -           0
        Intr    45558    45474         -           0
        Intr    45726    45633         -           0
        Intr    45884    45827         -           0
55      Intr    46200    46160         -           0
        Init    46368    46277         -           0

     >4757405        /5385

60      len =       599    nex =        1
```

1546

Sngl	47192	46605		-	0

>4757405   /40773

len =	598	nex =	1	

Sngl	47192	46606	-	0

>4757405   /30812

len =	1544	nex =	6	

Term	52068	51817	-	0
Intr	52294	52205	-	0
Intr	52456	52409	-	0
Intr	52724	52555	-	0
Intr	53078	53000	-	0
Init	53360	53196	-	0

>4757405   /16619

len =	761	nex =	2	

Init	56271	56389	+	0
Term	56759	57031	+	0

>4757405   /3049

len =	2274	nex =	5	

Init	56278	57300	+	0
Intr	57384	57484	+	0
Intr	57586	57669	+	0
Intr	57761	57871	+	0
Term	58094	58551	+	0

>4757406   /19244

len =	1177	nex =	2	

Init	25061	25439	+	0
Term	25638	26237	+	0

>4757406   /35710

len =	1589	nex =	8	

Init	31143	31329	+	0
Intr	31449	31591	+	0
Intr	31679	31786	+	0
Intr	31888	31932	+	0
Intr	32002	32067	+	0
Intr	32152	32212	+	0
Intr	32296	32342	+	0
Term	32424	32731	+	0

>4757406   /97340

len =	2530	nex =	5	

1547

	Init	33489	33681	+	0
	Intr	34354	34432	+	0
	Intr	34531	34598	+	0
5	Intr	34773	34839	+	0
	Term	35246	35497	+	0

>4757407   /145523

10   len =   522.   nex =   2

	Init	14432	14663	+	0
	Term	14777	14953	+	0

15   >4757407   /16944

     len =   1228   nex =   5

	Term	35221	34886	−	0
20	Intr	35427	35369	−	0
	Intr	35569	35507	−	0
	Intr	35739	35676	−	0
	Init	36113	35815	−	0

25   >4757407   /18624

     len =   562   nex =   1

	Sngl	42900	43461	+	0

30
>4757407   /19127

     len =   2025   nex =   5

35	Term	44665	44410	−	0
	Intr	44838	44752	−	0
	Intr	45182	44922	−	0
	Intr	45743	45338	−	0
	Init	46434	45860	−	0

40
>4757407   /41161

     len =   1106   nex =   3

45	Init	5273	5534	+	0
	Intr	5627	5929	+	0
	Term	6019	6378	+	0

>4757407   /11077
50
     len =   466   nex =   1

	Sngl	6030	6495	+	0

55   >4757407   /111727

     len =   3141   nex =   5

	Init	75926	76044	+	0
60	Intr	76156	76326	+	0

```
                                              1548
       Intr   76407    76463      +         0
       Intr   76541    76605      +         0
       Term   76716    76840      +         0

  5  >4757407         /12484

       len =    1893    nex =      4

       Term   77674    77314      -         0
 10    Intr   77970    77850      -         0
       Intr   78287    78047      -         0
       Init   79206    78928      -         0

     >4757407         /26596
 15
       len =    1953    nex =      5

       Term   82383    82097      -         0
       Intr   82758    82519      -         0
 20    Intr   83472    83378      -         0
       Intr   83776    83689      -         0
       Init   84049    84002      -         0

     >4757409         /6166
 25
       len =    2028    nex =      3

       Init    2893     3040      +         0
       Intr    3127     3389      +         0
 30    Term    3462     4256      +         0

     >4757409         /17962

       len =     790    nex =      2
 35
       Term    4534     4275      -         0
       Init    5064     4726      -         0

     >4757410         /13767
 40
       len =    2170    nex =      5

       Init   11323    11581      +         0
       Intr   11799    11940      +         0
 45    Intr   12035    12088      +         0
       Intr   12453    12544      +         0
       Term   12656    12882      +         0

     >4757410         /104278
 50
       len =     970    nex =      1

       Sngl   14335    13368      -         0

 55  >4757410         /5180

       len =     626    nex =      2

       Init   37202    37397      +         0
 60    Term   37493    37827      +         0
```

1549

```
      >4757410        /92670

        len =     1849    nex =        2
 5
          Term    42000    41613         -         0
          Init    43461    43210         -         0

      >4757410        /29464
10
          len =      895    nex =        1

          Sngl    50057    50951         +         0

15    >4757410        /3819

          len =     2093    nex =        2

          Init    59901    60514         +         0
20        Term    60601    60838         +         0

      >4757410        /34479

          len =     1298    nex =        3
25
          Init    59369    59822         +         0
          Intr    59901    60514         +         0
          Term    60601    60666         +         0

30    >4757410        /23740

          len =     1303    nex =        3

          Init    59614    59822         +         0
35        Intr    59901    60514         +         0
          Term    60601    60916         +         0

      >4757410        /36248

40        len =      616    nex =        2

          Init    60322    60514         +         0
          Term    60601    60918         +         0

45    >4757410        /101693

          len =     2146    nex =        6

          Init    67945    68152         +         0
50        Intr    68845    68971         +         0
          Intr    69127    69273         +         0
          Intr    69364    69444         +         0
          Intr    69538    69683         +         0
          Term    69773    70080         +         0
55
      >4757410        /123200

          len =      284    nex =        1

60        Sngl    73051    72768         -         0
```

1550

```
>4757411        /99062

    len =      348    nex =        1
 5
    Sngl  14302    14649         +          0

 >4757411        /38286

10  len =     2413    nex =        5

    Init  35325    35620         +          0
    Intr  36178    36431         +          0
    Intr  36689    36824         +          0
15  Intr  37137    37198         +          0
    Term  37290    37737         +          0

 >4757411        /143077

20  len =      774    nex =        3

    Term  48735    48361         -          0
    Intr  48922    48839         -          0
    Init  49134    48982         -          0
25
 >4757413        /39613

    len =     1930    nex =        6

30  Term  10486    10044         -          0
    Intr  10673    10581         -          0
    Intr  10937    10794         -          0
    Intr  11196    11110         -          0
    Intr  11493    11268         -          0
35  Init  11973    11691         -          0

 >4757413        /37104

    len =     1352    nex =        2
40
    Init  37253    37571         +          0
    Term  37707    38604         +          0

 >4757413        /37513
45
    len =     1375    nex =        2

    Init  37253    37571         +          0
    Term  37707    38627         +          0
50
 >4757413        /9683

    len =     1290    nex =        1

55  Sngl  40182    39244         -          0

 >4757414        /94738

    len =      731    nex =        1
60
```

```
                                              1551
        Sngl    15443    14713        -         0

     >4757414        /1185

  5     len =     1812    nex =        2

        Init    21364    21435        +         0
        Term    21537    22038        +         0

 10  >4757414        /113827

        len =      443    nex =        1

        Sngl    35589    36031        +         0
 15
     >4757414        /117748

        len =      615    nex =        2

 20     Init    41281    41606        +         0
        Term    41845    41895        +         0

     >4757414        /6463

 25     len =     1403    nex =        3

        Init    41281    41606        +         0
        Intr    41845    41895        +         0
        Term    42583    42683        +         0
 30
     >4757414        /23733

        len =     1161    nex =        1

 35     Sngl    43908    42748        -         0

     >4757414        /32274

        len =     1690    nex =        5
 40
        Init    44451    44575        +         0
        Intr    44666    44762        +         0
        Intr    44860    44969        +         0
        Intr    45357    45431        +         0
 45     Term    45541    45739        +         0

     >4757414        /17361

        len =      167    nex =        1
 50
        Sngl    67827    67661        -         0

     >4757414        /21721

 55     len =     4353    nex =       15

        Init    79949    80134        +         0
        Intr    80262    80364        +         0
        Intr    80481    80545        +         0
 60     Intr    80685    80760        +         0
```

				1552
Intr	81080	81144	+	0
Intr	81467	81590	+	0
Intr	81701	81826	+	0
Intr	81943	81993	+	0
Intr	82107	82175	+	0
Intr	82394	82502	+	0
Intr	82646	82725	+	0
Intr	82828	82910	+	0
Intr	82992	83037	+	0
Intr	83119	83293	+	0
Term	83381	83643	+	0

>4757415   /43010

len =   2179   nex =   5

Init	110	480	+	0
Intr	969	1054	+	0
Intr	1131	1436	+	0
Intr	1538	1621	+	0
Term	1706	2288	+	0

>4757415   /33108

len =   1990   nex =   5

Term	18813	18525	−	0
Intr	19074	18908	−	0
Intr	19639	19580	−	0
Intr	19870	19724	−	0
Init	20507	20200	−	0

>4757415   /35741

len =   2319   nex =   7

Term	21262	20642	−	0
Intr	21516	21346	−	0
Intr	21769	21603	−	0
Intr	21961	21868	−	0
Intr	22248	22040	−	0
Intr	22485	22334	−	0
Init	22960	22702	−	0

>4757415   /94723

len =   910   nex =   3

Term	8317	8042	−	0
Intr	8742	8423	−	0
Init	8946	8856	−	0

>4757417   /12993

len =   2378   nex =   8

Init	57794	57865	+	0
Intr	57948	58085	+	0
Intr	58174	58272	+	0
Intr	58373	58445	+	0

1553

Intr	58911	58999	+	0
Intr	59128	59211	+	0
Intr	59310	59369	+	0
Term	59441	59775	+	0

>4757417   /40272

len =   2254   nex =   8

Init	57533	57711	+	0
Intr	57794	57865	+	0
Intr	57948	58085	+	0
Intr	58174	58272	+	0
Intr	58373	58445	+	0
Intr	59128	59211	+	0
Intr	59310	59369	+	0
Term	59441	59786	+	0

>4757660   /34549

len =   2683   nex =   8

Init	17650	17772	+	0
Intr	18075	18155	+	0
Intr	18244	18332	+	0
Intr	18448	18522	+	0
Intr	18662	18726	+	0
Intr	18812	18883	+	0
Intr	18993	19430	+	0
Term	19524	20051	+	0

>4757660   /34984

len =   1570   nex =   6

Init	23805	24076	+	0
Intr	24164	24212	+	0
Intr	24293	24419	+	0
Intr	24566	24636	+	0
Intr	24733	24805	+	0
Term	25086	25372	+	0

>4757660   /18595

len =   757   nex =   1

Sngl	3045	3801	+	0

>4757660   /6179

len =   1773   nex =   5

Term	38593	38287	−	0
Intr	39063	38802	−	0
Intr	39389	39159	−	0
Intr	39630	39497	−	0
Init	40059	39789	−	0

>4757660   /31508

```
                                         1554
        len =    1017    nex =      2

        Term    41278    40970        -        0
        Init    41687    41426        -        0
  5
     >4757660       /295

        len =    1534    nex =      5

 10     Term    41278    41051        -        0
        Intr    41687    41426        -        0
        Intr    42011    41778        -        0
        Intr    42219    42089        -        0
        Init    42584    42322        -        0
 15
     >4757660       /24456

        len =    1006    nex =      2

 20     Term    45205    44865        -        0
        Init    45691    45430        -        0

     >4757660       /13876

 25     len =    1838    nex =      5

        Term    45205    44861        -        0
        Intr    45691    45430        -        0
        Intr    46019    45783        -        0
 30     Intr    46265    46135        -        0
        Init    46698    46390        -        0

     >4757660       /30015

 35     len =    1879    nex =      5

        Term    47388    47089        -        0
        Intr    47741    47486        -        0
        Intr    48105    47875        -        0
 40     Intr    48353    48223        -        0
        Init    48967    48677        -        0

     >4757660       /25120

 45     len =    1990    nex =      5

        Term    47388    47089        -        0
        Intr    47741    47486        -        0
        Intr    48105    47875        -        0
 50     Intr    48353    48223        -        0
        Init    49075    48677        -        0

     >4757660       /34896

 55     len =    1999    nex =      5

        Term    54992    54648        -        0
        Intr    55353    55098        -        0
        Intr    55706    55473        -        0
 60     Intr    55926    55796        -        0
```

```
                                          1555
        Init    56646    56224        -        0

     >4757660        /13762

  5    len =     1939    nex =        7

        Term    69818    69378        -        0
        Intr    69980    69915        -        0
        Intr    70123    70059        -        0
 10     Intr    70269    70206        -        0
        Intr    70491    70382        -        0
        Intr    70666    70579        -        0
        Init    71316    71035        -        0

 15  >4757660        /2663

       len =      589    nex =        1

        Sngl    85423    84835        -        0
 20
     >4757660        /143795

       len =      550    nex =        1

 25     Sngl     9114     8573        -        0

     >4757661        /33846

       len =      998    nex =        0
 30
     >4757661        /18244

       len =     1550    nex =        4

 35     Init    20501    20937        +        0
        Intr    21063    21205        +        0
        Intr    21578    21697        +        0
        Term    21792    22050        +        0

 40  >4757661        /12689

       len =     1820    nex =        3

        Term    52653    52143        -        0
 45     Intr    53031    52754        -        0
        Init    53962    53118        -        0

     >4757661        /37307

 50    len =     1947    nex =        5

        Init    79034    79330        +        0
        Intr    79685    79897        +        0
        Intr    79984    80132        +        0
 55     Intr    80266    80542        +        0
        Term    80634    80980        +        0

     >4757661        /38874

 60    len =     1550    nex =        3
```

1556

```
        Init   88004   88300        +        0
        Intr   88888   89103        +        0
        Term   89479   89553        +        0
  5
     >4757661        /29823

        len =    1270   nex =      2

 10     Term   95428   95219        -        0
        Init   96487   96281        -        0

     >4757662        /151497

 15     len =     374   nex =      1

        Sngl  105041  105406        +        0

     >4757662        /33355
 20
        len =     764   nex =      1

        Sngl  105041  105804        +        0

 25  >4757662        /10525

        len =     959   nex =      2

        Term  107176  106447        -        0
 30     Init  107405  107251        -        0

     >4757662        /40979

        len =    2536   nex =      1
 35
        Sngl   11058   12235        +        0

     >4757662        /3858

 40     len =     883   nex =      2

        Term  127589  127180        -        0
        Init  128062  127787        -        0

 45  >4757662        /25577

        len =     641   nex =      1

        Sngl   15911   16551        +        0
 50
     >4757662        /13756

        len =    2333   nex =      6

 55     Init   26705   26948        +        0
        Intr   27713   27814        +        0
        Intr   27911   28038        +        0
        Intr   28342   28470        +        0
        Intr   28565   28632        +        0
 60     Term   28747   29037        +        0
```

1557

```
     >4757662        /19079

        len =    1931   nex =        4
 5
        Term   35291    34651      -        0
        Intr   35971    35763      -        0
        Intr   36176    36076      -        0
        Init   36581    36264      -        0
10
     >4757662        /206217

        len =     475   nex =        1

15      Sngl   51723    51806      +        0

     >4757662        /41103

        len =    2145   nex =        5
20
        Term   55687    54683      -        0
        Intr   55901    55794      -        0
        Intr   56205    56003      -        0
        Intr   56423    56280      -        0
25      Init   56827    56682      -        0

     >4757662        /10861

        len =    1789   nex =        5
30
        Term   73379    73086      -        0
        Intr   73578    73468      -        0
        Intr   73781    73664      -        0
        Intr   73905    73869      -        0
35      Init   74874    74703      -        0

     >4757662        /12880

        len =    4180   nex =       16
40
        Term   75805    75445      -        0
        Intr   76039    75900      -        0
        Intr   76358    76118      -        0
        Intr   76502    76452      -        0
45      Intr   76821    76596      -        0
        Intr   77212    77142      -        0
        Intr   77417    77298      -        0
        Intr   77706    77512      -        0
        Intr   77866    77802      -        0
50      Intr   78048    77958      -        0
        Intr   78257    78196      -        0
        Intr   78415    78365      -        0
        Intr   78718    78617      -        0
        Intr   78917    78810      -        0
55      Intr   79200    79137      -        0
        Init   79624    79320      -        0

     >4757662        /8333

60      len =     587   nex =        1
```

1558

```
        Sngl    97501    97352        -         0

 >4757678        /17521
5
      len =      808   nex =       1

        Sngl     1711     904         -         0

10 >4757678        /1241

      len =     1888   nex =       8

        Init   53235    53440        +         0
15      Intr   53822    53963        +         0
        Intr   54052    54113        +         0
        Intr   54206    54317        +         0
        Intr   54450    54543        +         0
        Intr   54631    54700        +         0
20      Intr   54792    54930        +         0
        Term   55025    55122        +         0

 >4757678        /6028

25    len =      675   nex =       1

        Sngl   62812    62712        -         0

 >4757678        /96337
30
      len =      910   nex =       1

        Sngl   85389    85713        +         0

35 >4757686        /24090

      len =     1474   nex =       6

        Term   49322    49010        -         0
40      Intr   49490    49428        -         0
        Intr   49666    49586        -         0
        Intr   49814    49770        -         0
        Intr   50155    50066        -         0
        Init   50294    50238        -         0
45
 >4757688        /117787

      len =     1051   nex =       4

50      Term   32809    32597        -         0
        Intr   33059    32975        -         0
        Intr   33518    33485        -         0
        Init   33647    33604        -         0

55 >4760247        /123742

      len =      929   nex =       5

        Term   16228    15990        -         0
60      Intr   16403    16313        -         0
```

```
                                                  1559
        Intr    16601    16514         -           0
        Intr    16705    16680         -           0
        Init    16918    16792         -           0

  5   >4760247        /7361

        len =    2251    nex =         6

        Init     1746     2458         +           0
 10     Intr     2735     2837         +           0
        Intr     2918     3021         +           0
        Intr     3285     3376         +           0
        Intr     3462     3559         +           0
        Term     3647     3996         +           0
 15
      >4760247        /102245

        len =     465    nex =         1

 20     Sngl     1766     2230         +           0

      >4760247        /16412

        len =    2700    nex =        12
 25
        Term    16228    15990         -           0
        Intr    16403    16313         -           0
        Intr    16601    16514         -           0
        Intr    17018    16792         -           0
 30     Intr    17212    17097         -           0
        Intr    17537    17282         -           0
        Intr    17721    17634         -           0
        Intr    17870    17799         -           0
        Intr    18036    17928         -           0
 35     Intr    18186    18128         -           0
        Intr    18460    18397         -           0
        Init    18689    18561         -           0

      >4760247        /36952
 40
        len =    2304    nex =         5

        Term     6330     6048         -           0
        Intr     7503     7393         -           0
 45     Intr     7682     7577         -           0
        Intr     7899     7771         -           0
        Init     8351     7975         -           0

      >4760411        /33299
 50
        len =    2250    nex =         9

        Term    21949    21710         -           0
        Intr    22229    22137         -           0
 55     Intr    22409    22356         -           0
        Intr    22653    22513         -           0
        Intr    22805    22740         -           0
        Intr    23090    22889         -           0
        Intr    23430    23376         -           0
 60     Intr    23651    23590         -           0
```

```
                                              1560
        Init    23959    23734        -        0

     >4760411        /16491

 5     len =     1975    nex =       4

        Init     4186     4655        +        0
        Intr     4887     5035        +        0
        Intr     5129     5239        +        0
10      Term     5334     6160        +        0

     >4760411        /120348

       len =      653    nex =       1
15
        Sngl    45700    45048        -        0

     >4760411        /31883

20     len =      152    nex =       1

        Sngl     6057     6208        +        0

     >4760411        /36997
25
       len =     2050    nex =       8

        Term    67189    66970        -        0
        Intr    67456    67326        -        0
30      Intr    67716    67588        -        0
        Intr    67946    67800        -        0
        Intr    68253    68062        -        0
        Intr    68522    68412        -        0
        Intr    68705    68610        -        0
35      Init    69013    68843        -        0

     >4760411        /30022

       len =     3315    nex =       6
40
        Term    73699    73294        -        0
        Intr    74021    73925        -        0
        Intr    74270    74140        -        0
        Intr    74416    74358        -        0
45      Intr    76009    75544        -        0
        Init    76608    76282        -        0

     >4760411        /38193

50     len =     1474    nex =       1

        Sngl    77039    78512        +        0

     >4761801        /93707
55
       len =      619    nex =       1

        Sngl   143737   143119        -        0

60   >4761801        /115966
```

1561

```
        len =       649    nex =        1

        Sngl  151005   151653        +          0
5
>4761801          /10618

        len =      1736    nex =        5

10      Init  168932   169123        +          0
        Intr  169266   169370        +          0
        Intr  169478   169788        +          0
        Intr  169866   170051        +          0
        Term  170355   170667        +          0
15
>4761801          /30044

        len =      2558    nex =        5

20      Init   26588    27075        +          0
        Intr   27771    27904        +          0
        Intr   28035    28462        +          0
        Intr   28545    28676        +          0
        Term   28863    29145        +          0
25
>4761801          /103581

        len =       924    nex =        1

30      Sngl   40802    39879        −          0

>4761801          /96744

        len =      1859    nex =        6
35
        Init   46090    46263        +          0
        Intr   46495    46564        +          0
        Intr   46666    46725        +          0
        Intr   46946    47060        +          0
40      Intr   47328    47443        +          0
        Term   47528    47948        +          0

>4761801          /27650

45      len =       643    nex =        2

        Init   47359    47443        +          0
        Term   47528    47991        +          0

50  >4761801          /34620

        len =      4450    nex =       14

        Term   83154    82922        −          0
55      Intr   83294    83234        −          0
        Intr   83538    83451        −          0
        Intr   83672    83607        −          0
        Intr   84088    83988        −          0
        Intr   84594    84487        −          0
60      Intr   85379    85289        −          0
```

```
                                            1562
        Intr   85690   85604        -         0
        Intr   85964   85841        -         0
        Intr   86148   86057        -         0
        Intr   86290   86229        -         0
5       Intr   86558   86461        -         0
        Intr   87054   86904        -         0
        Init   87364   87194        -         0

     >4775266       /119956
10
        len =     1411   nex =      2

        Init   17383   17754        +         0
        Term   18006   18793        +         0
15
     >4775266       /20805

        len =     2816   nex =      9

20      Init   19777   19920        +         0
        Intr   20186   20444        +         0
        Intr   20536   20742        +         0
        Intr   20819   21069        +         0
        Intr   21162   21486        +         0
25      Intr   21579   21842        +         0
        Intr   21927   22048        +         0
        Intr   22133   22252        +         0
        Term   22327   22592        +         0

30   >4775266       /20161

        len =      557   nex =      1

        Sngl   25109   24553        -         0
35
     >4775266       /33023

        len =     1956   nex =      4

40      Term   27412   26849        -         0
        Intr   27825   27714        -         0
        Intr   28452   28152        -         0
        Init   28804   28549        -         0

45   >4775266       /10077

        len =      715   nex =      2

        Term   38914   38632        -         0
50      Init   39346   39105        -         0

     >4775266       /18040

        len =      801   nex =      1
55
        Sngl   44171   44971        +         0

     >4775266       /7221

60      len =     1630   nex =      6
```

1563

		Term	4598	4139	–	0
		Intr	4777	4686	–	0
		Intr	4950	4865	–	0
5		Intr	5215	5035	–	0
		Intr	5520	5300	–	0
		Init	5766	5592	–	0

>4803878   /4897

10

len =   574   nex =   1

        Sngl   22484   21911   –   0

15   >4803878   /39544

len =   1063   nex =   3

        Term   38379   37933   –   0
20   Intr   38854   38542   –   0
        Init   38995   38931   –   0

>4803878   /37896

25   len =   1436   nex =   3

        Term   38379   37680   –   0
        Intr   38854   38542   –   0
        Init   39115   38931   –   0
30
>4803878   /14132

len =   1582   nex =   4

35   Term   38379   37679   –   0
        Intr   38854   38542   –   0
        Intr   39082   38931   –   0
        Init   39260   39188   –   0

40   >4803878   /4936

len =   537   nex =   1

        Sngl   45234   44698   –   0
45
>4803878   /2725

len =   1431   nex =   4

50   Term   51078   50648   –   0
        Intr   51328   51226   –   0
        Intr   51702   51580   –   0
        Init   52078   51914   –   0

55   >4803878   /10780

len =   1615   nex =   3

        Init   52264   52570   +   0
60   Intr   52981   53054   +   0

                                              1564
        Term   53516   53878   +   0

     >4803878   /40875

5   len =   817   nex =   1

        Sngl   65721   66537   +   0

     >4803878   /117183
10
      len =   1607   nex =   4

        Init   73114   73395   +   0
        Intr   73476   73685   +   0
15   Intr   74219   74295   +   0
        Term   74422   74720   +   0

     >4803878   /19202

20   len =   1552   nex =   4

        Term   81492   81413   −   0
        Intr   81857   81669   −   0
        Intr   82005   81947   −   0
25   Init   82964   82666   −   0

     >4803878   /29968

      len =   1375   nex =   5
30
        Term   83510   83314   −   0
        Intr   83688   83599   −   0
        Intr   83874   83772   −   0
        Intr   84042   83962   −   0
35   Init   84361   84132   −   0

     >4803878   /21256

      len =   2506   nex =   10
40
        Init   88965   89156   +   0
        Intr   89749   89846   +   0
        Intr   89927   89969   +   0
        Intr   90054   90115   +   0
45   Intr   90200   90256   +   0
        Intr   90345   90380   +   0
        Intr   90639   90711   +   0
        Intr   90777   90848   +   0
        Intr   90945   91048   +   0
50   Term   91150   91470   +   0

     >4803878   /30884

      len =   1120   nex =   5
55
        Term   91871   91785   −   0
        Intr   92048   91974   −   0
        Intr   92193   92137   −   0
        Intr   92413   92291   −   0
60   Init   92898   92778   −   0

>4803878   /6211

len =   1416   nex =   5

Term	91871	91565	–	0
Intr	92048	91974	–	0
Intr	92193	92137	–	0
Intr	92413	92291	–	0
Init	92980	92778	–	0

>4803878   /118823

len =   1433   nex =   5

Term	91871	91597	–	0
Intr	92048	91974	–	0
Intr	92193	92137	–	0
Intr	92413	92291	–	0
Init	93029	92778	–	0

>4803909   /33591

len =   2548   nex =   7

Init	25320	25450	+	0
Intr	25545	25674	+	0
Intr	25969	26075	+	0
Intr	26572	26706	+	0
Intr	26804	26907	+	0
Intr	27030	27130	+	0
Term	27226	27508	+	0

>4803909   /101918

len =   2004   nex =   7

Init	25331	25450	+	0
Intr	25545	25674	+	0
Intr	25969	26075	+	0
Intr	26572	26706	+	0
Intr	26804	26907	+	0
Intr	27030	27130	+	0
Term	27226	27334	+	0

>4803909   /35385

len =   1648   nex =   2

Init	34510	35420	+	0
Term	35503	36157	+	0

>4803909   /36399

len =   1999   nex =   5

Term	74683	74273	–	0
Intr	75005	74768	–	0
Intr	75269	75203	–	0
Intr	75560	75398	–	0

```
                                              1566
          Init    76271    75939      -          0

      >4803909         /14382

 5      len =      572    nex =       1

        Sngl    98753    98182      -          0

      >4803919         /7141
10
        len =      470    nex =       1

        Sngl    10681    11150      +          0

15    >4803919         /20090

        len =      638    nex =       3

        Term    11473    11254      -          0
20      Intr    11717    11664      -          0
        Init    11891    11797      -          0

      >4803919         /19643

25      len =      515    nex =       1

        Sngl    18105    18619      +          0

      >4803919         /9942
30
        len =      628    nex =       2

        Term    18385    18182      -          0
        Init    18466    18413      -          0
35
      >4803919         /42149

        len =      503    nex =       1

40      Sngl    18515    18013      -          0

      >4803919         /37778

        len =      570    nex =       1
45
        Sngl    19660    20229      +          0

      >4803919         /39351

50      len =     2416    nex =       9

        Init    21856    22144      +          0
        Intr    22554    22580      +          0
        Intr    22672    22741      +          0
55      Intr    22863    22986      +          0
        Intr    23146    23230      +          0
        Intr    23321    23453      +          0
        Intr    23544    23717      +          0
        Intr    23785    23867      +          0
60      Term    23953    24271      +          0
```

```
      >4803919        /40766

  5       len =     2062    nex =        8

          Term   24902    24659        -          0
          Intr   25064    24993        -          0
          Intr   25345    25142        -          0
          Intr   25530    25453        -          0
 10       Intr   25707    25619        -          0
          Intr   25854    25804        -          0
          Intr   26112    25945        -          0
          Init   26720    26568        -          0

 15   >4803919        /19342

          len =     2750    nex =       11

          Term   27185    26968        -          0
 20       Intr   27343    27269        -          0
          Intr   27502    27437        -          0
          Intr   27642    27589        -          0
          Intr   27860    27729        -          0
          Intr   28170    28094        -          0
 25       Intr   28344    28266        -          0
          Intr   28920    28805        -          0
          Intr   29072    29008        -          0
          Intr   29223    29158        -          0
          Init   29717    29489        -          0
 30
      >4803919        /35643

          len =      757    nex =        1

 35       Sngl   38824    39580        +          0

      >4803919        /39721

          len =     2799    nex =        9
 40
          Init   40435    40910        +          0
          Intr   41203    41259        +          0
          Intr   41359    41437        +          0
          Intr   41521    41681        +          0
 45       Intr   41788    41915        +          0
          Intr   42010    42147        +          0
          Intr   42474    42566        +          0
          Intr   42653    42773        +          0
          Term   42877    43233        +          0
 50
      >4803950        /7133

          len =     1106    nex =        2

 55       Term   15958    15293        -          0
          Init   16398    16136        -          0

      >4809270        /21854

 60       len =     1810    nex =        6
```

1568

```
      Init    26325   26534        +         0
      Intr    26761   26841        +         0
      Intr    26913   27026        +         0
 5    Intr    27129   27407        +         0
      Intr    27488   27601        +         0
      Term    27698   27770        +         0

    >4809270        /23558
10
      len =      674   nex =        1

      Sngl    40607   41280        +         0

15  >4809270        /36972

      len =     2847   nex =       11

      Init    64059   64119        +         0
20    Intr    64238   64297        +         0
      Intr    64402   64477        +         0
      Intr    64578   64743        +         0
      Intr    64827   65082        +         0
      Intr    65192   65307        +         0
25    Intr    65390   65o10        +         0
      Intr    65694   65728        +         0
      Intr    65818   65917        +         0
      Intr    66016   66118        +         0
      Term    66195   66599        +         0
30
    >4809270        /20668

      len =     1075   nex =        5

35    Init    65522   65610        +         0
      Intr    65694   65728        +         0
      Intr    65818   65917        +         0
      Intr    66016   66118        +         0
      Term    66195   66596        +         0
40
    >4809271        /21905

      len =     1099   nex =        2

45    Term    12979   12614        -         0
      Init    13712   13449        -         0

    >4809271        /22359

50    len =     1095   nex =        1

      Sngl    13712   12618        -         0

    >4809271        /848
55
      len =      760   nex =        1

      Sngl    33077   32318        -         0

60  >4809271        /102190
```

1569

```
       len =      743    nex =        1

 5      Sngl  33077   32335        -          0

       >4809271       /21181

       len =      344    nex =        1

10      Sngl   8636    8293        -          0

       >4809271       /6687

       len =     1406    nex =        1
15
        Sngl   8731    7326        -          0

       >4809294       /8411

20     len =     1440    nex =        4

        Init  14573   14846        +          0
        Intr  15067   15169        +          0
        Intr  15295   15456        +          0
25      Term  15734   16012        +          0

       >4809294       /8986

       len =     2265    nex =        7
30
        Init  21367   21498        +          0
        Intr  21594   21784        +          0
        Intr  21897   22034        +          0
        Intr  22122   22258        +          0
35      Intr  22349   22514        +          0
        Intr  22682   22921        +          0
        Term  23003   23631        +          0

       >4809294       /33512
40
       len =     1150    nex =        2

        Term  30857   30449        -          0
        Init  31590   31115        -          0
45
       >4809295       /3676

       len =     2083    nex =        6

50      Term  53797   53671        -          0
        Intr  53990   53913        -          0
        Intr  54177   54096        -          0
        Intr  54877   54684        -          0
        Intr  55272   55181        -          0
55      Init  55753   55348        -          0

       >4809296       /30187

       len =     1390    nex =        3
60
```

```
                                          1570
        Term   20449   20131        -        0
        Intr   20937   20890        -        0
        Init   21511   21158        -        0

 5   >4809296        /3071

        len =   1092   nex =      4

        Init     411     493        +        0
10      Intr     704     768        +        0
        Intr     971    1041        +        0
        Term    1133    1359        +        0

     >4809296        /34078
15
        len =   1150   nex =      4

        Init     411     493        +        0
        Intr     704     768        +        0
20      Intr     971    1041        +        0
        Term    1133    1416        +        0

     >4835223        /36702

25      len =   2050   nex =      8

        Term   28902   28573        -        0
        Intr   29030   28977        -        0
        Intr   29207   29113        -        0
30      Intr   29404   29307        -        0
        Intr   29625   29483        -        0
        Intr   29839   29708        -        0
        Intr   30116   29988        -        0
        Init   30618   30194        -        0
35
     >4835223        /3286

        len =    562   nex =      1

40      Sngl   40069   39514        -        0

     >4835223        /8864

        len =   1585   nex =      4
45
        Term   42999   42518        -        0
        Intr   43254   43184        -        0
        Intr   43459   43352        -        0
        Init   44102   43814        -        0
50
     >4835223        /153949

        len =   1900   nex =      6

55      Init   50935   51051        +        0
        Intr   51154   51196        +        0
        Intr   51320   51381        +        0
        Intr   51479   51575        +        0
        Intr   52119   52189        +        0
60      Term   52348   52439        +        0
```

1571

>4835223   /27213

    len =   1570   nex =   2

5

    Init   59627   60267   +   0
    Term   60638   61187   +   0

>4835223   /732

10

    len =   1474   nex =   1

    Sngl   62121   62953   +   0

15 >4835223   /20695

    len =   1163   nex =   0

>4835223   /23377

20

    len =   790   nex =   1

    Sngl   65775   64987   -   0

25 >4835223   /10044

    len =   495   nex =   1

    Sngl   66699   67193   +   0

30
>4835223   /32364

    len =   1750   nex =   1

35   Sngl   78553   80295   +   0

>4835223   /5193

    len =   1348   nex =   8

40

    Term   87820   87718   -   0
    Intr   87968   87907   -   0
    Intr   88132   88060   -   0
    Intr   88361   88219   -   0
45   Intr   88494   88447   -   0
    Intr   88643   88569   -   0
    Intr   88863   88780   -   0
    Init   89065   88950   -   0

50 >4835773   /1989

    len =   690   nex =   1

    Sngl   20133   20822   +   0

55
>4835773   /34385

    len =   2830   nex =   12

60   Init   2024   2254   +   0

					1572
	Intr	2371	2450	+	0
	Intr	2617	2733	+	0
	Intr	2833	2936	+	0
	Intr	3023	3089	+	0
5	Intr	3363	3496	+	0
	Intr	3582	3630	+	0
	Intr	3767	3838	+	0
	Intr	3929	4030	+	0
	Intr	4116	4183	+	0
10	Intr	4369	4521	+	0
	Term	4602	4852	+	0

>4835773   /6281

15   len =   1946   nex =   7

	Init	42427	42503	+	0
	Intr	42604	42707	+	0
	Intr	42803	42903	+	0
20	Intr	42991	43094	+	0
	Intr	43278	43715	+	0
	Intr	43797	43928	+	0
	Term	43997	44372	+	0

25   >4835773   /28214

         len =   1757   nex =   3

	Term	48583	47836	−	0
30	Intr	48864	48677	−	0
	Init	49592	48965	−	0

     >4835773   /21943

35   len =   1870   nex =   4

	Init	5082	5505	+	0
	Intr	5583	5729	+	0
	Intr	5834	6043	+	0
40	Term	6473	6945	+	0

>4836442   /1137

         len =   730   nex =   1
45
	Sngl	5764	6489	+	0

     >4836906   /93312

50   len =   1831   nex =   4

	Term	26269	26014	−	0
	Intr	26453	26358	−	0
	Intr	26664	26531	−	0
55	Init	27844	26730	−	0

     >4836906   /29867

         len =   831   nex =   1
60

						1573
	Sngl	64559	63729		-	0
	>4836906		/14139			
5	len =	1570	nex =	2		
	Term	80467	80066		-	0
	Init	80887	80566		-	0
10	>4836906		/5665			
	len =	898	nex =	2		
	Init	86401	86906		+	0
15	Term	87082	87298		+	0
	>4850281		/4143			
	len =	436	nex =	1		
20						
	Sngl	107876	108311		+	0
	>4850409		/12642			
25	len =	583	nex =	2		
	Term	104024	103684		-	0
	Init	104266	104150		-	0
30	>4850409		/20585			
	len =	730	nex =	2		
	Init	106425	106547		+	0
35	Term	106829	107153		+	0
	>4850409		/28536			
	len =	296	nex =	1		
40						
	Sngl	106829	107124		+	0
	>4850409		/39306			
45	len =	2314	nex =	5		
	Init	14095	14194		+	0
	Intr	14334	14483		+	0
	Intr	14590	14863		+	0
50	Intr	14895	14982		+	0
	Term	15124	15585		+	0
	>4850409		/3062			
55	len =	2530	nex =	7		
	Term	18950	18748		-	0
	Intr	19135	19019		-	0
	Intr	19377	19225		-	0
60	Intr	19637	19467		-	0

```
                                            1574
        Intr   19900   19721        -       0
        Intr   20082   19984        -       0
        Init   20494   20407        -       0

  5   >4850409        /4791

        len =     736   nex =       0

      >4850409        /27686
 10
        len =     716   nex =       1

        Sngl   23412   24127        +       0

 15   >4850409        /30722

        len =    1677   nex =       4

        Init   34646   34737        +       0
 20     Intr   34898   35330        +       0
        Intr   35419   35472        +       0
        Term   35528   35913        +       0

      >4850409        /94765
 25
        len =     235   nex =       1

        Sngl   35586   35820        +       0

 30   >4850409        /40551

        len =    1848   nex =       4

        Term   62292   61937        -       0
 35     Intr   62986   62451        -       0
        Intr   63104   63016        -       0
        Init   63784   63510        -       0

      >4850409        /112273
 40
        len =     850   nex =       2

        Term   66692   66564        -       0
        Init   66880   66784        -       0
 45
      >4850409        /5724

        len =    1295   nex =       2

 50     Term   66692   66532        -       0
        Init   66880   66784        -       0

      >4850409        /2548

 55     len =     692   nex =       1

        Sngl   67705   68396        +       0

      >4850409        /8711
 60
```

                                                  1575

       len =   708   nex =   1

          Sngl   67705   68412   +   0

5   >4850409   /2535

       len =   598   nex =   1

          Sngl   69019   69616   +   0

10 >4850409   /30316

       len =   790   nex =   1

15   Sngl   76323   75925   -   0

    >4850409   /7539

       len =   791   nex =   1

20
          Sngl   76452   75925   -   0

    >4850409   /4289

25   len =   1643   nex =   1

          Sngl   90019   91371   +   0

    >4850409   /27754

30
       len =   1431   nex =   1

          Sngl   89946   91376   +   0

35 >4850411   /21257

       len =   430   nex =   1

          Sngl   14482   14057   -   0

40
    >4874280   /12402

       len =   1492   nex =   4

45   Init 100913   101010   +   0
          Intr 101624   101737   +   0
          Intr 101836   101915   +   0
          Term 102002   102400   +   0

50 >4874280   /13543

       len =   670   nex =   1

          Sngl 110726   110057   -   0

55
    >4874280   /29810

       len =   1717   nex =   7

60   Term 115803   115457   -   0

```
                                         1576
        Intr  116038   115976        -        0
        Intr  116268   116158        -        0
        Intr  116431   116349        -        0
        Intr  116759   116512        -        0
   5    Intr  116980   116882        -        0
        Init  117173   117074        -        0

   >4874280         /14469

10      len =      146   nex =       1

        Sngl   25949    25804        -        0

   >4874280         /1871
15
        len =     1210   nex =       1

        Sngl   37446    36737        -        0

20 >4874280         /25201

        len =     1044   nex =       6

        Term   43874    43821        -        0
25      Intr   44112    43996        -        0
        Intr   44365    44198        -        0
        Intr   44512    44447        -        0
        Intr   44684    44589        -        0
        Init   44864    44764        -        0
30
   >4874280         /10068

        len =      740   nex =       1

35      Sngl   57061    56322        -        0

   >4874280         /11912

        len =      772   nex =       4
40
        Term   62694    62514        -        0
        Intr   62885    62784        -        0
        Intr   63127    62992        -        0
        Init   63285    63202        -        0
45
   >4874280         /30239

        len =      758   nex =       1

50      Sngl   63635    64392        +        0

   >4874280         /22166

        len =     1400   nex =       4
55
        Term   64736    64526        -        0
        Intr   65314    65273        -        0
        Intr   65723    65668        -        0
        Init   65925    65828        -        0
60
```

1577

```
        >4874280        /8886

            len =      271    nex =        1

   5        Sngl   83252    82982        -          0

        >4874280        /21847

            len =     1253    nex =        2
  10
            Init   88169    88958        +          0
            Term   89032    89421        +          0

        >4874280        /19135
  15
            len =     5291    nex =        3

            Term   86468    86081        -          0
            Intr   87158    86630        -          0
  20        Init   91371    91235        -          0

        >4874280        /16209

            len =     1870    nex =        2
  25
            Term   90809    89582        -          0
            Init   91445    91235        -          0

        >4874280        /9177
  30
            len =     1603    nex =        5

            Term   92357    92087        -          0
            Intr   92498    92429        -          0
  35        Intr   92677    92587        -          0
            Intr   93017    92768        -          0
            Init   93689    93526        -          0

        >4874280        /17356
  40
            len =     1051    nex =        1

            Sngl   97810    98457        +          0

  45    >4874280        /121746

            len =      752    nex =        1

            Sngl   97770    98521        +          0
  50
        >4874281        /18634

            len =      992    nex =        1

  55        Sngl   28766    29757        +          0

        >4878038        /33093

            len =     1838    nex =        4
  60
```

```
                                                    1578
        Init     17045     17083          +          0
        Intr     17496     17715          +          0
        Intr     17935     18104          +          0
        Term     18283     18716          +          0
  5
     >4878038          /12279

        len =      1657    nex =         4

 10     Init     17042     17083          +          0
        Intr     17496     17715          +          0
        Intr     17935     18104          +          0
        Term     18283     18698          +          0

 15  >4878038          /41419

        len =       101    nex =         1

        Sngl      1922      1822          -          0
 20
     >4878038          /103167

        len =       827    nex =         3

 25     Term     22122     21766          -          0
        Intr     22412     22340          -          0
        Init     22592     22509          -          0

     >4878038          /12044
 30
        len =       832    nex =         3

        Term     22122     21767          -          0
        Intr     22412     22340          -          0
 35     Init     22598     22509          -          0

     >4878038          /7414

        len =       850    nex =         3
 40
        Term     22122     21767          -          0
        Intr     22412     22340          -          0
        Init     22611     22509          -          0

 45  >4878038          /39977

        len =       915    nex =         3

        Term     22122     21728          -          0
 50     Intr     22412     22340          -          0
        Init     22642     22509          -          0

     >4878038          /18748

 55     len =       635    nex =         3

        Term     22122     22008          -          0
        Intr     22412     22340          -          0
        Init     22642     22509          -          0
 60
```

1579

```
      >4878038        /34623

          len =      911    nex =        3

 5        Term   22122   21766        -           0
          Intr   22412   22340        -           0
          Init   22676   22509        -           0

      >4878038        /35553
10
          len =     1034    nex =        3

          Init   23065   23187        +           0
          Intr   23268   23447        +           0
15        Term   23838   24098        +           0

      >4878038        /40238

          len =     1210    nex =        1
20
          Sngl    2380    1177        -           0

      >4878038        /107233

25        len =      643    nex =        4

          Term   48867   48732        -           0
          Intr   49015   48983        -           0
          Intr   49222   49136        -           0
30        Init   49374   49316        -           0

      >4878038        /35098

          len =     2170    nex =        3
35
          Init   53312   53618        +           0
          Intr   53769   54355        +           0
          Term   55015   55476        +           0

40    >4878038        /6413

          len =     3951    nex =        5

          Init   56661   56949        +           0
45        Intr   58951   59082        +           0
          Intr   59203   59289        +           0
          Intr   59403   59453        +           0
          Term   59530   60611        +           0

50    >4878038        /119807

          len =     1461    nex =        3

          Init   59122   59289        +           0
55        Intr   59403   59453        +           0
          Term   60354   60582        +           0

      >4878038        /34128

60    len =     1012    nex =        3
```

1580

Init	65143	65373	+	0
Intr	65735	65837	+	0
Term	66104	66154	+	0

5

>4878038   /123625

len =   897   nex =   2

10
Init	69908	70156	+	0
Term	70242	70804	+	0

>4878038   /150460

15   len =   313   nex =   1

Sngl   75227   74915   -   0

>4878039   /27589
20
len =   1529   nex =   2

Init	21799	21871	+	0
Term	22351	22674	+	0

25
>4878039   /31701

len =   1491   nex =   2

30
Init	21799	21871	+	0
Term	22351	22658	+	0

>4878039   /22285

35   len =   1224   nex =   1

Sngl   23812   23609   -   0

>4878039   /7311
40
len =   1244   nex =   1

Sngl   23835   23609   -   0

45 >4878039   /13410

len =   1243   nex =   0

>4878039   /11384
50
len =   534   nex =   1

Sngl   41117   40584   -   0

55 >4878039   /21735

len =   2391   nex =   6

Init	6076	6252	+	0
60 | Intr | 6656 | 6778 | + | 0 |

```
                                              1581
        Intr    6934    7050        +           0
        Intr    7141    7336        +           0
        Intr    7584    7698        +           0
        Term    7795    7959        +           0
 5
     >4878039        /153670

       len =    2383    nex =     6

10      Init    6084    6252        +           0
        Intr    6656    6778        +           0
        Intr    6934    7050        +           0
        Intr    7141    7336        +           0
        Intr    7584    7698        +           0
15      Term    7795    7959        +           0

     >4878039        /118900

       len =    2308    nex =     6
20
        Init    6091    6252        +           0
        Intr    6656    6778        +           0
        Intr    6934    7050        +           0
        Intr    7141    7336        +           0
25      Intr    7584    7698        +           0
        Term    7795    7959        +           0

     >4878039        /17026

30     len =     156    nex =     1

        Sngl   61886   61731        -           0

     >4878039        /24663
35
       len =     334    nex =     1

        Sngl   61970   61637        -           0

40   >4878039        /15897

       len =     458    nex =     1

        Sngl   62053   61601        -           0
45
     >4878039        /9325

       len =    1366    nex =     4

50      Term   62075   61726        -           0
        Intr   62381   62331        -           0
        Intr   62704   62472        -           0
        Init   63091   62815        -           0

55   >4878039        /33019

       len =    1400    nex =     4

        Term   62075   61700        -           0
60      Intr   62381   62331        -           0
```

```
                                           1582
        Intr    62704    62472        -        0
        Init    63099    62815        -        0

    >4878039         /14650
5
        len =       190   nex =        1

        Sngl    63116    62933        -        0

10  >4878039         /41423

        len =      1419   nex =        0

    >4878039         /33922
15
        len =      1522   nex =        4

        Term    62075    61601        -        0
        Intr    62381    62331        -        0
20      Intr    62704    62472        -        0
        Init    63122    62815        -        0

    >4878039         /8579

25      len =       813   nex =        3

        Init    72885    73192        +        0
        Intr    73271    73362        +        0
        Term    73447    73688        +        0
30
    >4878039         /38014

        len =      1795   nex =        3

35      Term    81714    81447        -        0
        Intr    81951    81802        -        0
        Init    82973    82025        -        0

    >4878039         /6888
40
        len =      1128   nex =        2

        Term    84567    84273        -        0
        Init    85400    84860        -        0
45
    >4883587         /206485

        len =       538   nex =        1

50      Sngl   113867   113330        -        0

    >4883587         /8904

        len =      1657   nex =        4
55
        Init     1398     1648        +        0
        Intr     2403     2594        +        0
        Intr     2697     2865        +        0
        Term     2973     3054        +        0
60
```

```
     >4883587          /99140

         len =      612    nex =        1

 5       Sngl    81836    81225         -         0

     >4883587          /35520

         len =     1890    nex =        1
10
         Sngl    83089    81200         -         0

     >4883588          /30158

15       len =     1058    nex =        3

         Init    78085    78219         +         0
         Intr    78340    78388         +         0
         Term    78702    79142         +         0
20
     >4883588          /42159

         len =      938    nex =        3

25       Init    78151    78219         +         0
         Intr    78340    78388         +         0
         Term    78702    79088         +         0

     >4883588          /117103
30
         len =      956    nex =        2

         Init    78187    78219         +         0
         Term    78340    79142         +         0
35
     >4883588          /12963

         len =     2950    nex =       10

40       Term    79984    79379         -         0
         Intr    80178    80092         -         0
         Intr    80331    80272         -         0
         Intr    80484    80416         -         0
         Intr    80729    80573         -         0
45       Intr    80924    80848         -         0
         Intr    81328    81283         -         0
         Intr    81508    81422         -         0
         Intr    81730    81584         -         0
         Init    82321    81955         -         0
50
     >4883589          /39471

         len =      910    nex =        1

55       Sngl    27167    26259         -         0

     >4883595          /27178

         len =     1305    nex =        5
60
```

```
                                          1584
        Init    13666    13838      +        0
        Intr    14082    14123      +        0
        Intr    14233    14403      +        0
        Intr    14555    14641      +        0
   5    Term    14739    14970      +        0

     >4883595        /28643

        len =     1274    nex =       5
  10
        Init    13690    13838      +        0
        Intr    14082    14123      +        0
        Intr    14233    14403      +        0
        Intr    14555    14641      +        0
  15    Term    14739    14963      +        0

     >4883595        /27627

        len =     1278    nex =       5
  20
        Init    13690    13838      +        0
        Intr    14082    14123      +        0
        Intr    14233    14403      +        0
        Intr    14555    14641      +        0
  25    Term    14739    14967      +        0

     >4883595        /121982

        len =     1275    nex =       5
  30
        Init    13695    13838      +        0
        Intr    14082    14123      +        0
        Intr    14233    14403      +        0
        Intr    14555    14641      +        0
  35    Term    14739    14969      +        0

     >4883595        /25350

        len =     1004    nex =       5
  40
        Init    13767    13838      +        0
        Intr    14082    14123      +        0
        Intr    14233    14403      +        0
        Intr    14555    14641      +        0
  45    Term    14739    14764      +        0

     >4883595        /32137

        len =     1896    nex =       5
  50
        Init    38588    38819      +        0
        Intr    39455    39511      +        0
        Intr    39688    39878      +        0
        Intr    39967    40071      +        0
  55    Term    40162    40483      +        0

     >4883595        /37242

        len =     1971    nex =       5
  60
```

```
                                              1585
           Init   38588    38819        +         0
           Intr   39455    39511        +         0
           Intr   39688    39878        +         0
           Intr   39967    40071        +         0
    5      Term   40162    40558        +         0

       >4883595        /20760

           len =    1990   nex =        5
   10
           Init   38780    38819        +         0
           Intr   39455    39511        +         0
           Intr   39688    39878        +         0
           Intr   39967    40071        +         0
   15      Term   40162    40576        +         0

       >4883595        /34869

           len =     899   nex =        1
   20
           Sngl   38590    38819        +         0

       >4883595        /25104

   25      len =     372   nex =        1

           Sngl   40223    40578        +         0

       >4883595        /5109
   30
           len =    1376   nex =        4

           Term   66464    66136        -         0
           Intr   66734    66627        -         0
   35      Intr   66906    66815        -         0
           Init   67219    67018        -         0

       >4883595        /113853

   40      len =     912   nex =        3

           Init   67833    68023        +         0
           Intr   68119    68397        +         0
           Term   68518    68744        +         0
   45
       >4883595        /27387

           len =    1095   nex =        1

   50      Sngl   97707    96779        -         0

       >4883598        /112395

           len =     102   nex =        1
   55
           Sngl   22321    22422        +         0

       >4883598        /27175

   60      len =    1292   nex =        6
```

1586

```
        Term    53471    53305        -        0
        Intr    53639    53577        -        0
        Intr    53815    53735        -        0
 5      Intr    53963    53919        -        0
        Intr    54304    54215        -        0
        Init    54443    54387        -        0

    >4883598        /31249
10
        len =     1066    nex =     3

        Init    75625    75768        +        0
        Intr    75862    75941        +        0
15      Term    76089    76422        +        0

    >4883599        /41933

        len =     2470    nex =     6
20
        Init   107705   108086        +        0
        Intr   108321   108417        +        0
        Intr   108494   108609        +        0
        Intr   109315   109359        +        0
25      Intr   109639   109774        +        0
        Term   109859   110173        +        0

    >4883599        /19094

30      len =     1768    nex =     1

        Sngl   118037   116270        -        0

    >4883599        /11488
35
        len =      696    nex =     1

        Sngl   119284   118589        -        0

40  >4883599        /97088

        len =     1795    nex =     4

        Term    11068    10803        -        0
45      Intr    11765    11697        -        0
        Intr    12260    12150        -        0
        Init    12597    12343        -        0

    >4883599        /7831
50
        len =     2010    nex =     4

        Term    34414    33824        -        0
        Intr    35311    35094        -        0
55      Intr    35494    35394        -        0
        Init    35833    35596        -        0

    >4883599        /13320

60      len =     2015    nex =     1
```

1587

Sngl	42074	40567	−	0

>4883599   /29157

5

len = 1707   nex = 6

Term	43450	43184	−	0
Intr	43605	43533	−	0
Intr	43874	43750	−	0
Intr	44036	43965	−	0
Intr	44322	44225	−	0
Init	44890	44558	−	0

10 (at Intr 43874 row)

15 >4883599   /16221

len = 1270   nex = 5

Term	50525	50232	−	0
Intr	50711	50610	−	0
Intr	50909	50793	−	0
Intr	51085	50985	−	0
Init	51498	51268	−	0

20 (at Intr 50909 row)

25 >4883599   /2416

len = 1352   nex = 4

Term	52955	52650	−	0
Intr	53295	53025	−	0
Intr	53806	53522	−	0
Init	54001	53894	−	0

30 (at Intr 53295 row)

>4883599   /36633

35

len = 1133   nex = 2

Init	6605	7052	+	0
Term	7144	7737	+	0

40

>4883599   /119288

len = 646   nex = 2

45

Init	6611	7052	+	0
Term	7144	7256	+	0

>4883599   /12558

50 len = 2034   nex = 3

Init	66457	66727	+	0
Intr	66744	66880	+	0
Term	66958	68472	+	0

55

>4883599   /12259

len = 212   nex = 1

60

Sngl	67175	67386	+	0

1588

>4883599   /39855

5   len =   1599   nex =   4

           Term   71283   71095   –   0
           Intr   71609   71547   –   0
           Intr   71898   71722   –   0
           Init   72208   72146   –   0
10
      >4883599   /19570

           len =   1714   nex =   3

15   Init   76320   76853   +   0
           Intr   77103   77181   +   0
           Term   77311   78033   +   0

      >4883599   /3766
20
           len =   631   nex =   2

           Term   98968   98595   –   0
           Init   99225   99034   –   0
25
      >4884020   /8077

           len =   1751   nex =   3

30   Term   15439   14937   –   0
           Intr   15776   15562   –   0
           Init   16497   16374   –   0

      >4884020   /5161
35
           len =   2037   nex =   8

           Term   22090   22010   –   0
           Intr   22315   22187   –   0
40   Intr   22607   22491   –   0
           Intr   22782   22718   –   0
           Intr   22906   22867   –   0
           Intr   23079   23017   –   0
           Intr   23444   23183   –   0
45   Init   23627   23517   –   0

      >4884020   /27539

           len =   1335   nex =   4
50
           Init   34674   35251   +   0
           Intr   35340   35450   +   0
           Intr   35592   35705   +   0
           Term   35914   36008   +   0
55
      >4884021   /2419

           len =   1136   nex =   2

60   Init   33897   34058   +   0

```
                                              1589
         Term   34433    35032        +         0

      >4884021         /19314

 5       len =    2613    nex =        2

         Init    3435     3738        +         0
         Term    3868     6047        +         0

10    >4884022         /2982

         len =    2050    nex =        8

         Init   25501    25640        +         0
15       Intr   25886    26005        +         0
         Intr   26146    26292        +         0
         Intr   26381    26476        +         0
         Intr   26560    26655        +         0
         Intr   26927    27044        +         0
20       Intr   27132    27204        +         0
         Term   27301    27548        +         0

      >4884022         /40445

25       len =    3512    nex =       12

         Term   28180    27923        -         0
         Intr   28424    28270        -         0
         Intr   28550    28502        -         0
30       Intr   28909    28653        -         0
         Intr   29159    29030        -         0
         Intr   29337    29269        -         0
         Intr   29632    29579        -         0
         Intr   29897    29739        -         0
35       Intr   30278    30141        -         0
         Intr   30434    30372        -         0
         Intr   30577    30538        -         0
         Init   30707    30661        -         0

40    >4884023         /94438

         len =    1247    nex =        3

         Init   32053    32253        +         0
45       Intr   32590    32658        +         0
         Term   32956    33299        +         0

      >4884023         /40485

50       len =    2060    nex =        7

         Init   76282    76657        +         0
         Intr   76812    76874        +         0
         Intr   77011    77127        +         0
55       Intr   77202    77448        +         0
         Intr   77547    77705        +         0
         Intr   77780    77931        +         0
         Term   78015    78341        +         0

60    >4884023         /110908
```

1590

```
      len =      372   nex =        0

   >4886265        /16125
 5
      len =     1665   nex =        4

      Init   15167   15326      +         0
      Intr   15839   15978      +         0
10    Intr   16219   16344      +         0
      Term   16429   16831      +         0

   >4886265        /39625

15    len =      372   nex =        1

      Sngl   45373   45744      +         0

   >4886265        /11782
20
      len =      910   nex =        1

      Sngl   58085   58990      +         0

25 >4886265        /92178

      len =      910   nex =        1

      Sngl   60596   59692      -         0
30
   >4886265        /7969

      len =     1105   nex =        5

35    Term    6613    6546      -         0
      Intr    6828    6699      -         0
      Intr    7010    6925      -         0
      Intr    7452    7407      -         0
      Init    7643    7530      -         0
40
   >4886265        /9716

      len =     1646   nex =        6

45    Term    6613    6377      -         0
      Intr    6828    6699      -         0
      Intr    7010    6925      -         0
      Intr    7452    7407      -         0
      Intr    7649    7530      -         0
50    Init    8022    7921      -         0

   >4886265        /37248

      len =     1450   nex =        2
55
      Init   84108   84785      +         0
      Term   84958   85556      +         0

   >4886265        /14246
60
```

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1591

len =   1696   nex =   4

        Term   88532   88155   -   0
        Intr   88912   88604   -   0
        Intr   89088   88987   -   0
        Init   89850   89191   -   0

    >4887257   /145295

len =   1695   nex =   4

        Term   10323   10083   -   0
        Intr   10562   10518   -   0
        Intr   10742   10642   -   0
        Init   11039   10834   -   0

    >4887257   /22508

len =   1006   nex =   4

        Term   23643   23309   -   0
        Intr   23922   23824   -   0
        Intr   24104   24023   -   0
        Init   24314   24189   -   0

    >4887257   /143886

len =   850   nex =   3

        Init   69630   69796   +   0
        Intr   69886   69951   +   0
        Term   70176   70475   +   0

    >4887257   /39490

len =   2950   nex =   12

        Term   74958   74703   -   0
        Intr   75114   75047   -   0
        Intr   75239   75176   -   0
        Intr   75402   75321   -   0
        Intr   75574   75516   -   0
        Intr   75705   75646   -   0
        Intr   75982   75820   -   0
        Intr   76205   76081   -   0
        Intr   76563   76501   -   0
        Intr   76761   76702   -   0
        Intr   77059   76880   -   0
        Init   77646   77488   -   0

    >4887257   /8633

len =   2801   nex =   10

        Init   78250   78326   +   0
        Intr   78410   78474   +   0
        Intr   78598   78644   +   0
        Intr   78737   78812   +   0
        Intr   78900   78967   +   0
        Intr   79275   79344   +   0

```
                                          1592
        Intr   79628    79713        +        0
        Intr   79880    79942        +        0
        Intr   80237    80302        +        0
        Term   80400    80609        +        0
5
     >4887257         /109912

        len =    1124    nex =       3

10      Init   94040    94098        +        0
        Intr   94128    94314        +        0
        Term   94452    95163        +        0

     >4887737         /2004
15
        len =     675    nex =       1

        Sngl    7907     8581        +        0

20   >4887737         /1505

        len =     673    nex =       1

        Sngl    7909     8581        +        0
25
     >4887737         /31675

        len =     599    nex =       1

30      Sngl    7913     8511        +        0

     >4887737         /106951

        len =     677    nex =       1
35
        Sngl    7913     8589        +        0

     >4887737         /108174

40      len =    1630    nex =       2

        Term   85528    84876        -        0
        Init   86500    86083        -        0

45   >4887737         /33557

        len =    1788    nex =       2

        Term   85528    84753        -        0
50      Init   86540    86083        -        0

     >4887738         /23872

        len =     764    nex =       1
55
        Sngl   20581    19818        -        0

     >4887738         /119765

60      len =    3139    nex =       7
```

1593

	Init	3396	4329	+	0
	Intr	4533	4587	+	0
	Intr	5001	5039	+	0
5	Intr	5122	5185	+	0
	Intr	5549	5576	+	0
	Intr	5741	5832	+	0
	Term	6013	6534	+	0

10 >4887738   /114822

        len =   3136   nex =   7

	Init	3399	4329	+	0
15	Intr	4533	4587	+	0
	Intr	5001	5039	+	0
	Intr	5122	5185	+	0
	Intr	5549	5576	+	0
	Intr	5741	5832	+	0
20	Term	6013	6534	+	0

    >4887738   /28177

        len =   1570   nex =   3
25

	Term	43839	43444	–	0
	Intr	44038	43918	–	0
	Init	45006	44725	–	0

30 >4887738   /6612

        len =   2489   nex =   4

	Init	61698	61850	+	0
35	Intr	61949	62099	+	0
	Intr	62198	62262	+	0
	Term	62746	63244	+	0

    >4887738   /29992
40

        len =   926   nex =   2

	Term	78325	77774	–	0
	Init	78699	78401	–	0
45

    >4887738   /146828

        len =   507   nex =   1

| 50 | Sngl | 83673 | 83167 | – | 0 |

    >4887740   /33192

        len =   2290   nex =   5
55

	Init	199	824	+	0
	Intr	922	1089	+	0
	Intr	1185	1376	+	0
	Intr	1551	1619	+	0
60	Term	1985	2290	+	0

1594

```
      >4887740        /23467

        len =      521   nex =        2
  5
          Init   46831   46988        +        0
          Term   47080   47203        +        0

      >4887740        /12467
 10
        len =      651   nex =        1

          Sngl    5943    5293        -        0

 15   >4895147        /124537

        len =     1961   nex =        7

          Init   15249   15368        +        0
 20       Intr   15727   15850        +        0
          Intr   15938   15966        +        0
          Intr   16050   16115        +        0
          Intr   16202   16309        +        0
          Intr   16399   16464        +        0
 25       Term   16795   16876        +        0

      >4895147        /21739

        len =     1469   nex =        4
 30
          Term   50700   50490        -        0
          Intr   51095   50898        -        0
          Intr   51286   51185        -        0
          Init   51958   51514        -        0
 35
      >4895147        /21920

        len =      444   nex =        1

 40       Sngl   53076   52638        -        0

      >4895147        /37658

        len =     1662   nex =        3
 45
          Term   53123   52698        -        0
          Intr   53993   53216        -        0
          Init   54359   54077        -        0

 50   >4895147        /24367

        len =      993   nex =        3

          Term   55478   55257        -        0
 55       Intr   55772   55560        -        0
          Init   56104   56024        -        0

      >4895147        /20633

 60     len =     1066   nex =        3
```

1595

```
         Term    55478    55258        -        0
         Intr    55772    55560        -        0
         Init    56104    56024        -        0
5
      >4895147        /39533

         len =      730    nex =      2

10       Term    55772    55601        -        0
         Init    56104    56024        -        0

      >4895147        /4458

15       len =      740    nex =      2

         Term    55772    55598        -        0
         Init    56104    56024        -        0

20    >4895147        /20676

         len =     1041    nex =      2

         Term    55478    55286        -        0
25       Init    56104    5ʋ024        -        0

      >4895147        /524

         len =     1101    nex =      1
30
         Sngl    56104    56024        -        0

      >4895147        /6803

35       len =      979    nex =      3

         Term    55478    55354        -        0
         Intr    55772    55560        -        0
         Init    56104    56024        -        0
40
      >4895147        /15992

         len =     1018    nex =      3

45       Term    55478    55318        -        0
         Intr    55772    55560        -        0
         Init    56104    56024        -        0

      >4895147        /24607
50
         len =      550    nex =      1

         Sngl    68923    68382        -        0

55    >4895147        /43068

         len =     2470    nex =     10

         Term    70358    70271        -        0
60       Intr    70597    70472        -        0
```

```
                                          1596
          Intr   70793    70704       -        0
          Intr   71005    70880       -        0
          Intr   71301    71248       -        0
          Intr   71483    71403       -        0
  5       Intr   71698    71591       -        0
          Intr   71890    71819       -        0
          Intr   72038    71976       -        0
          Init   72731    72465       -        0

 10   >4895147        /20749

          len =    2192    nex =     6

          Init    7453     7722       +        0
 15       Intr    7862     7924       +        0
          Intr    8068     8184       +        0
          Intr    8583     8988       +        0
          Intr    9110     9261       +        0
          Term    9343     9644       +        0
 20
      >4895147        /28975

          len =    1253    nex =     4

 25       Init   77491    77810       +        0
          Intr   78228    78304       +        0
          Intr   78428    78536       +        0
          Term   78629    78743       +        0

 30   >4895147        /98397

          len =     730    nex =     1

          Sngl   79391    79138       -        0
 35
      >4895147        /37526

          len =    1066    nex =     1

 40       Sngl   80755    81820       +        0

      >4895148        /14553

          len =    1704    nex =     2
 45
          Term   39478    38899       -        0
          Init   40602    39746       -        0

      >4895148        /114523
 50
          len =     310    nex =     1

          Sngl   55690    55388       -        0

 55   >4895148        /40329

          len =    1066    nex =     2

          Term   55806    55404       -        0
 60       Init   56469    56070       -        0
```

1597

```
     >4895148         /109156

 5     len =      480    nex =        1

        Sngl   57879    57400      -        0

     >4895149         /37283

10     len =     1572    nex =        2

        Term   20933    20082      -        0
        Init   21653    21105      -        0

15   >4895167         /18533

       len =      892    nex =        3

        Init   43380    43470      +        0
20      Intr   43555    43730      +        0
        Term   43825    44256      +        0

     >4895176         /34547

25     len =     2128    nex =        6

        Term  104785   104678      -        0
        Intr  105146   104871      -        0
        Intr  105483   105396      -        0
30      Intr  105659   105583      -        0
        Intr  106058   106008      -        0
        Init  106328   106140      -        0

     >4895176         /6630
35
       len =     1966    nex =        6

        Term  111441   111255      -        0
        Intr  112230   111955      -        0
40      Intr  112394   112307      -        0
        Intr  112556   112480      -        0
        Intr  112906   112856      -        0
        Init  113220   112995      -        0

45   >4895176         /7663

       len =     2007    nex =        5

        Term  111441   111237      -        0
50      Intr  112230   111955      -        0
        Intr  112394   112307      -        0
        Intr  112556   112480      -        0
        Init  112906   112856      -        0

55   >4895176         /40538

       len =     2556    nex =        8

        Term   42176    41886      -        0
60      Intr   42395    42282      -        0
```

```
                                          1598
         Intr   42663    42480        -       0
         Intr   42988    42871        -       0
         Intr   43261    43133        -       0
         Intr   43455    43404        -       0
   5     Intr   43792    43642        -       0
         Init   44441    44284        -       0

      >4895176       /109069

  10     len =    1787   nex =      2

         Init   51902    51959        +       0
         Term   52945    53244        +       0

  15  >4895176       /18810

         len =     829   nex =      1

         Sngl   54124    53296        -       0
  20
      >4895176       /11827

         len =     862   nex =      1

  25     Sngl   54143    53282        -       0

      >4895176       /2445

         len =    2175   nex =     11
  30
         Term   65959    65856        -       0
         Intr   66105    66059        -       0
         Intr   66298    66203        -       0
         Intr   66481    66382        -       0
  35     Intr   66642    66582        -       0
         Intr   66796    66725        -       0
         Intr   66979    66899        -       0
         Intr   67227    67159        -       0
         Intr   67424    67338        -       0
  40     Intr   67812    67723        -       0
         Init   68030    67896        -       0

      >4895176       /912

  45     len =    2890   nex =     12

         Term   65760    65465        -       0
         Intr   65959    65853        -       0
         Intr   66105    66059        -       0
  50     Intr   66298    66203        -       0
         Intr   66481    66382        -       0
         Intr   66642    66582        -       0
         Intr   66796    66725        -       0
         Intr   66979    66899        -       0
  55     Intr   67227    67159        -       0
         Intr   67424    67338        -       0
         Intr   67812    67723        -       0
         Init   68345    67896        -       0

  60  >4895176       /10987
```

1599

```
        len =     914    nex =        1

5        Sngl   75026   75939         +        0

     >4895176         /34976

        len =     986    nex =        1

10       Sngl   84464   83479         -        0

     >4895213         /17709

        len =     215    nex =        1
15
         Sngl   12033   11819         -        0

     >4895213         /19452

20      len =    1181    nex =        4

         Term   12235   11861         -        0
         Intr   12448   12322         -        0
         Intr   12634   12559         -        0
25       Init   13041   12797         -        0

     >4895213         /168

        len =    1128    nex =        2
30
         Term   21760   21460         -        0
         Init   22587   22368         -        0

     >4895213         /35168
35
        len =    2411    nex =        6

         Init   69033   69478         +        0
         Intr   69674   69795         +        0
40       Intr   69886   69976         +        0
         Intr   70067   70187         +        0
         Intr   70283   70356         +        0
         Term   70828   71443         +        0

45  >4895233         /19714

        len =    1933    nex =        7

         Term   14019   13908         -        0
50       Intr   14335   14258         -        0
         Intr   14918   14868         -        0
         Intr   15157   14999         -        0
         Intr   15354   15239         -        0
         Intr   15541   15460         -        0
55       Init   15691   15621         -        0

     >4895233         /6457

        len =    2356    nex =        8
60
```

```
                                              1600
         Term    14019    13655        -       0
         Intr    14335    14258        -       0
         Intr    14918    14868        -       0
         Intr    15157    14999        -       0
 5       Intr    15354    15239        -       0
         Intr    15541    15460        -       0
         Intr    15691    15621        -       0
         Init    16010    15800        -       0

10   >4895233         /19091

         len =     1316    nex =      0

     >4895233         /2018
15
         len =      944    nex =      0

     >4895233         /34688

20       len =     1882    nex =      4

         Term    57501    57086        -       0
         Intr    57848    57580        -       0
         Intr    58122    58008        -       0
25       Init    58967    58722        -       0

     >4914356         /19995

         len =     1154    nex =      2
30
         Term    25058    24628        -       0
         Init    25781    25678        -       0

     >4914383         /41120
35
         len =     1665    nex =      4

         Init    69870    70209        +       0
         Intr    70434    70564        +       0
40       Intr    70654    70875        +       0
         Term    70961    71525        +       0

     >4914383         /22376

45       len =     1122    nex =      5

         Init    93930    94034        +       0
         Intr    94116    94290        +       0
         Intr    94386    94491        +       0
50       Intr    94572    94661        +       0
         Term    94741    95051        +       0

     >4914399         /36778

55       len =     2278    nex =      8

         Term    17584    17205        -       0
         Intr    17738    17692        -       0
         Intr    18153    18069        -       0
60       Intr    18331    18253        -       0
```

```
                                        1601
        Intr    18578   18425       -       0
        Intr    18790   18711       -       0
        Intr    19120   18889       -       0
        Init    19482   19368       -       0
5
    >4914399        /97049

        len =       537   nex =       1

10      Sngl    61982   61446       -       0

    >4914400        /20435

        len =      1768   nex =       7
15
        Term    20696   20292       -       0
        Intr    20940   20830       -       0
        Intr    21127   21041       -       0
        Intr    21289   21216       -       0
20      Intr    21473   21380       -       0
        Intr    21619   21574       -       0
        Init    22059   21711       -       0

    >4914400        /17491
25
        len =       491   nex =       1

        Sngl    25638   25148       -       0

30  >4914400        /32381

        len =       674   nex =       1

        Sngl    30579   31252       +       0
35
    >4914400        /124761

        len =       709   nex =       1

40      Sngl    52209   51501       -       0

    >4914400        /117732

        len =      1754   nex =       5
45
        Term    85506   85180       -       0
        Intr    85754   85603       -       0
        Intr    86180   85944       -       0
        Intr    86678   86458       -       0
50      Init    86933   86763       -       0

    >4914400        /42211

        len =       630   nex =       1
55
        Sngl    90161   89532       -       0

    >4914422        /30671

60      len =       735   nex =       2
```

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<div align="center">1602</div>

	Term	11060	10810	−	0
	Init	11544	11267	−	0
5	>4914422		/41723		
	len =	523	nex =	1	
	Sngl	16294	16816	+	0
10	>4914422		/15801		
	len =	1274	nex =	4	
15	Init	40051	40158	+	0
	Intr	40255	40329	+	0
	Intr	40525	40659	+	0
	Term	41043	41301	+	0
20	>4914422		/21466		
	len =	2006	nex =	3	
	Init	46972	47324	+	0
25	Intr	47772	47952	+	0
	Term	48182	48359	+	0
	>4914422		/28549		
30	len =	1090	nex =	3	
	Init	50748	50839	+	0
	Intr	51200	51370	+	0
	Term	51631	51834	+	0
35					
	>4914422		/147351		
	len =	1099	nex =	3	
40	Init	50774	50839	+	0
	Intr	51200	51370	+	0
	Term	51631	51859	+	0
	>4914422		/15569		
45					
	len =	268	nex =	1	
	Sngl	56936	56669	−	0
50	>4914422		/152675		
	len =	463	nex =	1	
	Sngl	57037	56575	−	0
55	>4914422		/32703		
	len =	1041	nex =	3	
60	Term	57059	56669	−	0

1603

```
        Intr    57259    57112         -        0
        Init    57709    57543         -        0

 5   >4914422        /97001

        len =     1020    nex =        1

        Sngl    57709    56690         -        0

10   >4914422        /13439

        len =     1019    nex =        2

        Term    57259    56691         -        0
15      Init    57709    57543         -        0

     >4914422        /27704

        len =      989    nex =        2
20
        Term    57259    57112         -        0
        Init    57709    57543         -        0

     >4914422        /104060
25
        len =     1030    nex =        3

        Term    57059    56690         -        0
        Intr    57259    57112         -        0
30      Init    57710    57543         -        0

     >4914422        /32548

        len =     1050    nex =        2
35
        Term    57259    56665         -        0
        Init    57714    57543         -        0

     >4914422        /4740
40
        len =     1222    nex =        2

        Init    69466    69678         +        0
        Term    69803    69921         +        0
45
     >4914422        /14629

        len =      730    nex =        2

50      Init    71747    71925         +        0
        Term    72026    72475         +        0

     >4914422        /34593

55      len =     1780    nex =        5

        Init    73912    74057         +        0
        Intr    74215    74328         +        0
        Intr    74412    74925         +        0
60      Intr    75022    75175         +        0
```

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```
                                      1604
       Term    75262   75691     +        0

    >4914449         /33307

5      len =    1602   nex =      3

       Term     9666    9504     -        0
       Intr    10587   10510     -        0
       Init    10901   10672     -        0
10
    >4914449         /2508

       len =    2620   nex =      6

15     Term    32362   32080     -        0
       Intr    32797   32572     -        0
       Intr    33006   32910     -        0
       Intr    33341   33085     -        0
       Intr    33603   33434     -        0
20     Init    34699   34297     -        0

    >4914454         /20902

       len =    1779   nex =      4
25
       Init    14139   14543     +        0
       Intr    14915   15176     +        0
       Intr    15255   15322     +        0
       Term    15419   15917     +        0
30
    >4914454         /7447

       len =    1873   nex =      2

35     Term    16739   15950     -        0
       Init    17822   17623     -        0

    >4914454         /19084

40     len =     339   nex =      1

       Sngl    18789   19127     +        0

    >4914454         /118265
45
       len =     391   nex =      1

       Sngl    33814   33429     -        0

50  >4914454         /11319

       len =    2254   nex =      7

       Init     4901    4989     +        0
55     Intr     5232    5572     +        0
       Intr     5666    5761     +        0
       Intr     5846    5923     +        0
       Intr     6011    6187     +        0
       Intr     6602    6670     +        0
60     Term     6755    7154     +        0
```

1605

```
>4928204        /40175

     len =    2530    nex =       10
 5
        Term   16431   15960       -       0
        Intr   16690   16520       -       0
        Intr   16930   16820       -       0
        Intr   17119   17018       -       0
10      Intr   17277   17215       -       0
        Intr   17440   17369       -       0
        Intr   17638   17537       -       0
        Intr   17812   17711       -       0
        Intr   17983   17911       -       0
15      Init   18119   18067       -       0

   >4938473        /95855

     len =     940    nex =        2
20
        Init   34311   34428       +       0
        Term   34806   35250       +       0

   >4938473        /21878
25
     len =    2202    nex =        5

        Term   75630   75293       -       0
        Intr   75942   75702       -       0
30      Intr   76292   76068       -       0
        Intr   76487   76363       -       0
        Init   77494   77121       -       0

   >4938473        /2891
35
     len =    1229    nex =        1

        Sngl    9654   10033       +       0

40 >4938473        /125503

     len =     234    nex =        1

        Sngl    9689    9922       +       0
45
   >4938493        /21702

     len =    4165    nex =       13

50      Init   13805   13896       +       0
        Intr   14185   14254       +       0
        Intr   14586   14698       +       0
        Intr   14905   15001       +       0
        Intr   15177   15256       +       0
55      Intr   15440   15634       +       0
        Intr   15720   15803       +       0
        Intr   15895   15955       +       0
        Intr   16076   16136       +       0
        Intr   16239   16332       +       0
60      Intr   16404   16476       +       0
```

```
                                              1606
        Intr    16614    16696       +        0
        Term    16814    17269       +        0

   >4938493        /14713
5
        len =     2612   nex =       6

        Term    37708    37490       -        0
        Intr    37918    37806       -        0
10      Intr    38169    38036       -        0
        Intr    38398    38290       -        0
        Intr    38544    38485       -        0
        Init    38752    38670       -        0

15 >4938493        /26276

        len =      310   nex =       1

        Sngl    80685    80993       +        0
20
   >4972043        /33435

        len =      796   nex =       1

25      Sngl    16528    17323       +        0

   >4972043        /22677

        len =      674   nex =       1
30
        Sngl    18856    19529       +        0

   >4972043        /92148

35      len =      970   nex =       4

        Init    25133    25274       +        0
        Intr    25355    25571       +        0
        Intr    25661    25801       +        0
40      Term    25910    26100       +        0

   >4972043        /2545

        len =     2009   nex =       3
45
        Init     2771     3001       +        0
        Intr     3642     3942       +        0
        Term     4073     4779       +        0

50 >4972043        /41319

        len =     1930   nex =       3

        Term    35309    35007       -        0
55      Intr    35674    35613       -        0
        Init    36929    36399       -        0

   >4972043        /35742

60      len =     1947   nex =       2
```

1607

	Init	49	578	+	0
	Term	771	1995	+	0

5   >4972043   /38287

     len =   1172   nex =   1

	Sngl	62463	63634	+	0

10
    >4972043   /7471

     len =   1810   nex =   6

15		Init	92440	92483	+	0
	Intr	92601	92697	+	0
	Intr	92948	93047	+	0
	Intr	93126	93211	+	0
	Intr	93299	93390	+	0
20 | | Term | 93561 | 93675 | + | 0 |

    >4972043   /4398

     len =   1797   nex =   5

25
	Init	92470	92697	+	0
	Intr	92948	93047	+	0
	Intr	93126	93211	+	0
	Intr	93299	93390	+	0
30 | | Term | 93561 | 93675 | + | 0 |

    >4972043   /93806

     len =   1701   nex =   5

35
	Init	92571	92697	+	0
	Intr	92948	93047	+	0
	Intr	93126	93211	+	0
	Intr	93299	93390	+	0
40 | | Term | 93561 | 93675 | + | 0 |

    >4972043   /119346

     len =   647   nex =   0

45
    >4972065   /38344

     len =   1428   nex =   3

50		Term	31960	31284	−	0
	Intr	32312	32044	−	0
	Init	32711	32422	−	0

    >4972065   /34069

55
     len =   1213   nex =   3

	Init	47383	47581	+	0
	Intr	47679	47884	+	0
60 | | Term | 48236 | 48595 | + | 0 |

>4972065 /10069

5   len =   434   nex =   1

    Sngl 48305   48738   +   0

>4972065 /36741

10   len =   1705   nex =   4

    Init 49180   49398   +   0
    Intr 49482   50010   +   0
    Intr 50089   50447   +   0
15   Term 50541   50884   +   0

>4972065 /101714

    len =   294   nex =   1
20
    Sngl 52352   52059   -   0

>4972065 /35207

25   len =   1280   nex =   4

    Term 51432   51078   -   0
    Intr 51652   51532   -   0
    Intr 51983   51743   -   0
30   Init 52357   52061   -   0
>4972065 /126440

    len =   391   nex =   1

35   Sngl 59542   59932   +   0

>4972077 /12759

    len =   2470   nex =   2
40
    Term 17826   17297   -   0
    Init 18688   17900   -   0

>4972077 /25532
45
    len =   2549   nex =   2

    Term 17826   17288   -   0
    Init 18688   17900   -   0
50
>4972077 /116606

    len =   490   nex =   1

55   Sngl 58084   58567   +   0

>4972087 /38343

    len =   817   nex =   1
60

```
                                              1609
          Sngl    23707    24523         +        0

      >4972087        /28506

5     len =    1074    nex =        3

          Init    28873    29020        +        0
          Intr    29372    29517        +        0
          Term    29781    29946        +        0
10
      >4972087        /30708

          len =     941    nex =        1

15        Sngl    30856    29916        -        0

      >4972087        /38500

          len =    2072    nex =        7
20
          Init    33934    34065        +        0
          Intr    34547    34684        +        0
          Intr    34962    34999        +        0
          Intr    35096    35146        +        0
25        Intr    35230    35397        +        0
          Intr    35468    35580        +        0
          Term    35674    36005        +        0

      >4972087        /115901
30
          len =    1524    nex =        2

          Term     8097     8047        -        0
          Init     9570     9200        -        0
35
      >4996901        /2496

          len =    1366    nex =        3

40        Init    15599    15705        +        0
          Intr    15871    15982        +        0
          Term    16118    16964        +        0

      >4996901        /35390
45
          len =    2432    nex =        5

          Term     872      613        -        0
          Intr    1483     1364        -        0
50        Intr    1822     1718        -        0
          Intr    2438     2370        -        0
          Init    3044     2539        -        0

      >4996901        /15624
55
          len =    1960    nex =        7

          Init    55525    55641        +        0
          Intr    55761    55942        +        0
60        Intr    56052    56159        +        0
```

```
                                              1610
       Intr   56321    56410       +          0
       Intr   56669    56753       +          0
       Intr   57080    57174       +          0
       Term   57264    57484       +          0
5
    >4996901        /11543

       len =    2590    nex =      10

10     Init   78466    78573       +          0
       Intr   78960    79043       +          0
       Intr   79136    79248       +          0
       Intr   79343    79556       +          0
       Intr   79691    79764       +          0
15     Intr   79859    79912       +          0
       Intr   80008    80115       +          0
       Intr   80204    80262       +          0
       Intr   80494    80704       +          0
       Term   80794    81047       +          0
20
    >4996901        /97320

       len =     639    nex =       2

25     Term   81166    80888       -          0
       Init   81526    81238       -          0

    >4996901        /36526

30     len =    1570    nex =       4

       Init   81684    81730       +          0
       Intr   81908    82053       +          0
       Intr   82294    82409       +          0
35     Term   82501    83245       +          0

    >4996901        /37444

       len =    1696    nex =       3
40
       Init   83424    83855       +          0
       Intr   84133    84410       +          0
       Term   84602    85119       +          0

45  >4996901        /30264

       len =    1299    nex =       2

       Term   91084    90551       -          0
50     Init   91849    91557       -          0

    >4996902        /27688

       len =     879    nex =       2
55
       Term   61399    61074       -          0
       Init   61655    61591       -          0

    >4996902        /142223
60
```

```
                                              1611
           len =      285    nex =        1

           Sngl    83376    83092          -          0

  5    >4996902        /11977

           len =     2719    nex =        5

           Term    84065    83542          -          0
 10        Intr    84858    84288          -          0
           Intr    85264    84965          -          0
           Intr    85618    85341          -          0
           Init    86260    85915          -          0

 15    >4996903        /21835

           len =     2193    nex =        4

           Term    60521    59989          -          0
 20        Intr    60800    60607          -          0
           Intr    61272    60875          -          0
           Init    62181    61788          -          0

       >5002514        /22413
 25
           len =     3101    nex =       12

           Term    22954    22566          -          0
           Intr    23196    23047          -          0
 30        Intr    23432    23292          -          0
           Intr    23601    23514          -          0
           Intr    23740    23685          -          0
           Intr    23895    23820          -          0
           Intr    24045    23972          -          0
 35        Intr    24285    24127          -          0
           Intr    24518    24375          -          0
           Intr    24733    24601          -          0
           Intr    24951    24845          -          0
           Init    25666    25475          -          0
 40
       >5002514        /24475

           len =     1016    nex =        2

 45        Term    34112    33856          -          0
           Init    34871    34579          -          0

       >5002514        /15906

 50        len =     4330    nex =       13

           Term    47968    47811          -          0
           Intr    48454    48334          -          0
           Intr    48638    48589          -          0
 55        Intr    48846    48733          -          0
           Intr    49060    48980          -          0
           Intr    49228    49147          -          0
           Intr    49372    49318          -          0
           Intr    49764    49534          -          0
 60        Intr    50625    49920          -          0
```

```
                                          1612
       Intr   51051    50964      -        0
       Intr   51239    51133      -        0
       Intr   51447    51329      -        0
       Init   52137    51799      -        0
5
    >5002514        /15314

       len =    1710   nex =      4

10     Init   69964    70199      +        0
       Intr   70466    70639      +        0
       Intr   70727    70894      +        0
       Term   71131    71673      +        0

15  >5019262        /93927

       len =     983   nex =      2

       Term   59395    58861      -        0
20     Init   59843    59533      -        0

    >5019264        /110927

       len =     415   nex =      1
25
       Sngl    4369     4766      +        0

    >5019264        /122052

30     len =     370   nex =      1

       Sngl    4404     4766      +        0

    >5019264        /23133
35
       len =     743   nex =      1

       Sngl   98229    97508      -        0

40  >5019265        /2686

       len =    1280   nex =      5

       Term      83        1      -        0
45     Intr     243      167      -        0
       Intr     604      337      -        0
       Intr     923      718      -        0
       Init    1280     1010      -        0

50  >5041959        /117665

       len =     778   nex =      1

       Sngl   29026    29803      +        0
55
    >5041960        /39877

       len =    1241   nex =      1

60     Sngl   33119    34355      +        0
```

1613

>5041962   /32146

```
        len =      2478    nex =         7
```
5
```
        Init   27173   27393         +          0
        Intr   27737   27765         +          0
        Intr   28119   28208         +          0
        Intr   28281   28520         +          0
10      Intr   28603   28800         +          0
        Intr   28954   29072         +          0
        Term   29160   29650         +          0
```
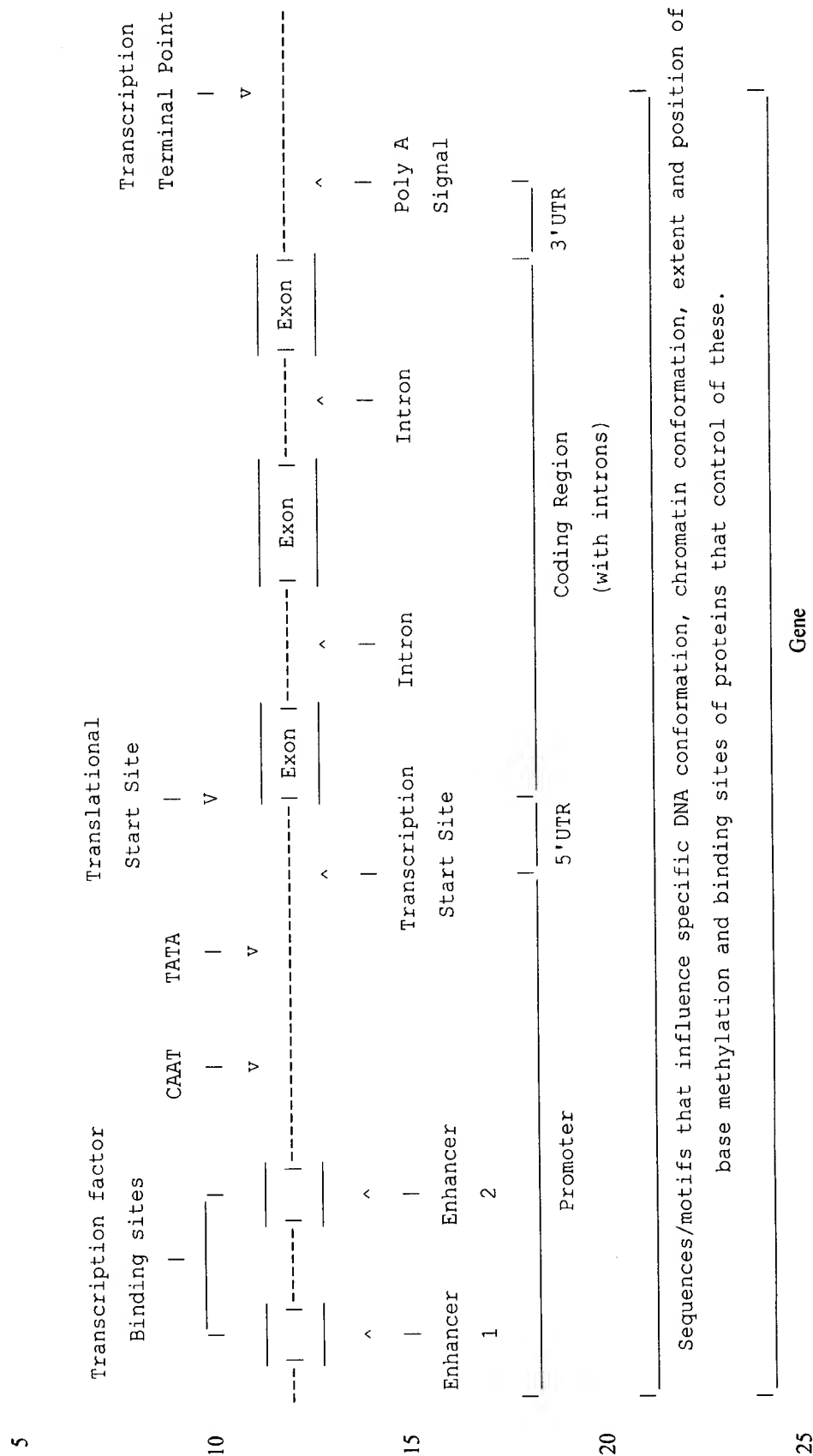
>5041962   /37936
15
```
        len =      1330    nex =         4
```
```
        Init   36213   36536         +          0
        Intr   36817   36933         +          0
20      Intr   37029   37116         +          0
        Term   37380   37537         +          0
```

>5041962   /28093

25
```
        len =      1450    nex =         4
```
```
        Init   36215   36536         +          0
        Intr   36817   36933         +          0
        Intr   37029   37116         +          0
30      Term   37380   37657         +          0
```

>5041962   /109138

```
        len =       692    nex =         2
```
35
```
        Init   36222   36536         +          0
        Term   36817   36901         +          0
```

>5041968   /92527
40
```
        len =      1055    nex =         2              .
```
```
        Term   39971   39857         -          0
        Init   40467   40315         -          0
```
45
>5051726   /5364

```
        len =      1619    nex =         3
```
```
50      Init  106365  106639         +          0
        Intr  106745  106850         +          0
        Term  107554  107983         +          0
```

>5051726   /19178
55
```
        len =      1333    nex =         5
```
```
        Init   18384   18450         +          0
        Intr   18595   18622         +          0
60      Intr   19014   19098         +          0
```

```
                                          1614
          Intr    19213    19302        +        0
          Term    19395    19716        +        0

       >5051726         /31050
 5
          len =     1255    nex =       4

          Init    18401    18450        +        0
          Intr    19014    19098        +        0
10        Intr    19213    19302        +        0
          Term    19395    19642        +        0

       >5051726         /5398

15        len =      761    nex =       1

          Sngl     9718     8958        -        0
```

Reference No.   2750-942P

1620

SCHEMATIC 1

SCHEMATIC OF A GENE

Transcription factor
Binding sites

CAAT   TATA

Translational
Start Site

Transcription
Terminal Point

| Exon |------| Exon |--------| Exon |--------| Exon |

Enhancer   Enhancer
1   2

Transcription
Start Site

Intron   Intron   Intron

Poly A
Signal

Promoter   5'UTR   Coding Region   3'UTR
                             (with introns)

Sequences/motifs that influence specific DNA conformation, chromatin conformation, extent and position of
base methylation and binding sites of proteins that control of these.

Gene

5

10

15

20

25

ABSTRACT OF THE DISCLOSURE

The present invention provides DNA molecules that constitute fragments of the genome of a plant, and polypeptides encoded thereby. The DNA molecules are useful for specifying a gene product in cells, either as a promoter or as a protein coding sequence or as an UTR or as a 3' termination sequence, and are also useful in controlling the behavior of a gene in the chromosome, in controlling the expression of a gene or as tools for genetic mapping, recognizing or isolating identical or related DNA fragments, or identification of a particular individual organism, or for clustering of a group of organisms with a common trait.